TV

2022-2023

>

WWW.VESTELINTERNATIONAL.COM

VESTEL

COMPANY PROFILE
2-3

GLOBAL OPERATIONS
4-5

DESIGN AND TECHNOLOGY
6-25

TV LINE-UP
26-63

TECHNOLOGICAL HIGHLIGHTS
64-94

ACCESSORIES
92-107

DESIGN AWARDS
108

SPECIFICATIONS
190-127

ADDRESSES
131

COMPANY PROFILE

VESTEL CITY, WHICH COMPRISES NINE PLANTS LOCATED IN MANISA, IS AMONGST THE BIGGEST INDUSTRIAL COMPLEXES OF THE WORLD.

>

18.500
Employees

1.163.000 M²
Closed Production Area

Export Leader of Turkey with
$ 2,5 BILLION

$ 3,2 BILLION
Turnover

Vestel City, which comprises nine plants located in Manisa, is amongst the biggest industrial complexes of the world.

Comprised of 24 companies, Vestel Group is a multi-industry manufacturer that operates in consumer electronics, major domestic appliances, professional displays, automotive and battery solutions, and EV Chargers.

Testimony to the global importance of Zorlu Holding across multiple technology sectors, Vestel is not only thriving at home in Turkey, but also through a further 14 subsidiaries that have been set up in various other parts of the world. Thanks to its renowned manufacturing and R&D complex, Vestel exports to 158 countries and keeps its position as a global player.

The company is recognized for its cutting-edge designs, high product quality, large production capacity, and superior market share growth.

Total productive maintenance and the six sigma approach implemented throughout the manufacturing process improve efficiency and productivity in all areas, making Vestel a world-class manufacturer.

All Vestel products are tested in-house in the company's certified quality labs to ensure electronic and mechanical sustainability.

Leading the European market in digital products, Vestel has established agreements with the major digital television operators in Europe for the production of digital television and set-top boxes.

Vestel places the utmost importance to product design and development. The company invests in new technological developments continuously to lead the electronics and major domestic appliances markets.

R&D facilities located in Turkey, UK, and China employ the highest caliber engineers to develop hardware and software solutions that provide clients with world-class quality products.

VestelKom factory located in free trade zone of Izmir, has a special R&D team for manufacturing and testing batteries and EV Chargers, which is also exporting these goods to Europe with zero customs tax.

Vestel has proven its success in product design by receiving the most prestigious design Awards every year from well-known industrial design organizations for a variety of products.

Vestel Trade, the company responsible for the marketing and sales of Vestel products overseas, exports 75% percent of its production under leading Japanese and European brands to 158 countries.

Vestel appeals to different consumer tastes in 158 countries with its wide range of products, which reflects its competencies in technological development, design and product customization. Accounting for 90% of Turkey's TV exports and 35% of the nation's major domestic appliances exports, Vestel has been an unwavering export leader in the Turkish electronics sector for the past 24 years.

For a sustainable future and transition to an economy based on net zero emissions, Vestel triggers transformation across the entire value chain. Leveraging the power of Industry 4.0 and automation to support the reduction of energy consumption through operational improvements and innovative products, Vestel implements circular models to improve resource efficiency in production and reduce our environmental impact from products.

Vestel aims to reach net zero emissions by 2050, first in its own operations and then in its entire value chain. Vestel is working on decarbonization plan as part of its commitment to set Science Based Targets (SBTi).

More information: www.vestelinternational.com

GLOBAL OPERATIONS

MANUFACTURING & ASSEMBLY PLANTS

>

TV, SET-TOP BOXES

Manisa, Turkey - Kobierzyce, Poland

PROFESSIONAL DISPLAYS, TABLET PC, LED LIGHTING

Manisa Turkey

REFRIGERATOR, WASHING MACHINE, DISHWASHER, TUMBLE DRYER, COOKING APPLIANCES, AIR CONDITIONER, WATER HEATER

Manisa, Turkey

R&D CENTERS

Manisa, Turkey
Istanbul, Turkey
Bristol, United Kingdom
Shanghai, China

MARKETING & SALES COMPANIES

Vestel Trade, Turkey
Vestel France, France
Vestel Germany, Germany
Vestel UK, United Kingdom
Vestel Iberia, Spain
Vestel Poland, Poland
Vestel Holland, Netherlands
Vestel CIS Ltd, Russia
Vestel Electronica, Romania
Vestel Central Asia, Kazakhstan
Vestel Electronics Gulf, Dubai
Vestel USA, USA
Vestel Vietnam, Vietnam
Vestel China, China

Design and Technology

Modern TV design is changing day by day with the improvements in technology. It is also subject to change in Vestel as a leading technology investor and design manufacturer. Nowadays, TVs become less visible, ultra-thin elegant designs are more integrated onto the surrounding surfaces like walls, doorways, anywhere. These designs come with extraordinary technology of high quality resolution in well-sized TVs. The design of TVs will go beyond the standards with simple beautiful cabinet and shelving, we will see the space softened by few accessories around its astonishing pictures.

STEL

Design for Sustainability

Ensuring sustainable consumption and production patterns is the most material goal for our sustainability pillar "Product Responsibilities and Value Chain Management". Vestel is committed to providing innovative solutions that enable sustainable consumption and production patterns.

Responsible Production and Consumption

To achieve economic growth and sustainable development, we need to reduce our ecological footprint by changing the way we produce and consume products and resources. Efforts have been made to reduce our ecological footprint by reducing the amount of plastic we use in our products and packaging without compromising the quality and safety of our products.

Plastic Usage in TV

With climate change, one of the biggest threats to the world and humanity is plastic waste. Vestel has made a commitment to IPG (Business Plastics Initiative in Turkey). In order to fulfill this commitment of 2718 tons of plastic reduction from 2021 to 2023, studies have been carried out.

The most important factor is to reconsider the design in a way that avoids the use of plastic where it is not needed. With the design changes occurred in that direction on the TV front cover, small plastic parts and stand parts in the product, in 2021, 72 tons of plastic reduction has been achieved.

100% Recycled and Reusable

We continue to expand our commitment to responsible sourcing of paper, with our FSC-certified packaging program. The Forest Stewardship Council (FSC) is a global organization that works to promote responsible management of forests worldwide. To obtain FSC certification, a forestry owner must demonstrate responsible forest management, including no illegal logging, respect for local communities and no damage to areas of high biodiversity. Packaging suppliers can achieve FSC certification if they can demonstrate they only source materials from FSC-certified forests. By sourcing packaging materials from FSC-certified suppliers, we are supporting responsible management of the world's forests to ensure no net depletion in biodiversity and natural resources, thus contributing to a more circular economy.

Sustainable Packaging

Product packaging previously was full color packs in order to sell, but consumers are becoming more convinced and comfortable with brown cardboard as a proof point of a responsible brand. Given the last years' massive shift from traditional store shopping to online, the need for packaging that sells has further eroded.

Packaging plays a critical role in all our products, keeping them safe as they move around the world from our factory floor to your home, as well as defining the first look and feel of the product experience. We continually refine the design of our packaging with the goal of minimizing environmental impact while always exceeding user expectations.

BMS Technology And Led Designs

Vestel uses own in-house design process in order to build huge amount of various TV models in different sizes and cosmetics. This system is called BMS (Built-in Module System) technology that allows supply of the cell only and rest of the materials including light filters, light-guide plates and backlight systems are separately built by Vestel. Therefore, BMS technology is the perfect supporter of flexibility in production and flexibility in defining various combinations of TV product in terms of size and cosmetic design. Thanks to BMS technology, Vestel has become expert in meeting various customer demands that makes Vestel company pioneer OEM/ ODM TV manufacturer globally.

Via BMS technology, 2 main design models are applied by Vestel. These design models are segmented based on the bezel thicknesses.

Frameless

New generation frameless family offers you completely new level of elegance. Vestel offers you less than 3mm bezel thickness with this new generation DLED technology.

UNB (ultra narrow bezel) design

vestel UNB (Ultra Narrow Bezel) technology is the newest design segment that is offered by Vestel. UNB models are built by including front metal frame starting from 6 . Moreover, UNB models are ELED and SLIM DLED systems in order to cover any advantage of ELED and DLED systems.

VNB (very narrow bezel) design

Vestel VNB (Very Narrow Bezel) technology which is another specific design subset of BMS technology allows production of TVs with plastic fronts starting from 10 to provide users very wide watching area on the screen for an amazing watching experience.

New Display Technologies

QLED

QLED TV, quantum-dot television, is a new type of LED-backlit LCD TV. The blue LED light technology drives the blue hues of the picture, but red and green light is created by the quantum dots. This perfect combination helps to achieve the desired color.

High color gamut with Quantum Dot

More realistic colors and performance closer to the limits of human vision
Very Sharp and Narrow Emission Peak
More Accurate Colors
More Vivid Hues
Adding QD-Film in the Backlight
Achievement of ≥ 90% Color Gamut (DCI-P3)

OLED

Discover Vestel, discover sensational TV viewing. Introducing more of the latest TV technologies to more homes, Vestel has developed its own OLED TV. Promising to deliver a more powerful, compelling and deeply immersive viewing experience, the TV displays authentic blacks for incredible on-screen effect. Ensuring unprecedented colour precision and picture accuracy, this model sets the deepest blacks against the purest shades and hues to create spectacular colour contrasts.

Clearer pictures and brighter images

Feel immersive heart pounding audio delivered with OLED TV

Absolutely Flawless and Perfect Gaming Experience

The Most Realistic Screen Experience

OLED delivers natural visual experience just as they are with 100% live pixel control.

True black, pure white and 100% high color fidelity

100-120 hz screen panel

Faster response time

All around view

Thin and elegant frame

MAXIMIZED GAMING PERFORMANCE

HDMI® 2.1
HIGH-DEFINITION MULTIMEDIA INTERFACE

ALLM
Auto Low Latency Mode

FLAWLESS AND SYNCHRONIZED GRAPHICS

8x Faster Response Time
4K gaming up to 8x Faster Response Time

CERTIFICATIONS

EYE COMFORT
(TUV CERTIFIED)

TÜVRheinland CERTIFIED
High Gaming Performance
www.tuv.com
ID 0217008841

FLICKER-FREE / LOW BLUE LIGHT / GLARE FREE
(UL VERIFIED)

UL VERIFIED verifyUL.com BB47319

Flicker-free & Low Blue Light Display (OLED)
50% Below Exempt Blue Light Risk Group Limit

Discomfort Glare Free UGR less than 22

UL VERIFIED verifyUL.com V563481

EYESAFE
(TUV CERTIFIED)

TÜVRheinland CERTIFIED
eyesafe DISPLAY
LOW BLUE LIGHT
COLOR ACCURATE

BEST GAMING PERFORMANCE
(TUV CERTIFIED)

Independently Tested
for Quality and Performance
✓ Workmanship
✓ CheckPlus:
Qualified Superior Gaming Performance
- <0.1ms Response Time (GRAY-TO-GRAY)
- Inverse Ghosting Free (⊠E<2 : 100%)
www.IntertekCheck.com
Manufacturer's Model: LE "D"Q Reference # 21KRQ1443
QUALITY & PERFORMANCE Intertek

TÜVRheinland CERTIFIED
High Gaming Performance
www.tuv.com
ID 0217008841

CABINET DIMENSIONS

		SIZE	X-mm	Y-mm	T1-mm	T2-mm	T3-mm
DLED HVNB	BC550	24	12,7	22	20,9	41	62,9
		32	13,8	20,4	12,5	50,2	77,8
		40	11,2	16,6	15,4	55,2	83,9
		40 INX	12,8	18,2	15,4	55,2	83,9
		43	12,2	17,6	15,4	52,7	81,5
		49	12,1	17,7	15,5	52,7	84,2
		50	13,3	18,6	15,5	56,2	84,3
		55	12,5	17,4	12,8	52,5	81,2
		58	13,7	17,5	15,7	52,9	84,5
		65	13,3	18,9	15,7	47,4	74,9
DLED Frameless OD40	BC650	2,5	13,8	10,3	50,3	82	39,6
		2,5	13,8	10,4	50,4	82,1	39,8
		2,5	13,8	10,6	50,6	82,3	43,5
DLED Frameless Skinny-OD20	BC660	32	1,85	19,2	10,3	32,3	66,0
		43	2,5	14,9	10,3	32,3	66
		50	2,5	14,9	10,3	32,3	66
		55	2,5	14,8	10,5	32,5	66,2
		58	2,5	13,4	10,5	32,5	66,2
		65	2,5	17,0	10,5	40,5	72,2
DLED Next Gen. Frameless	BC700	43	<1.5	<16	<10	<32	<69
		50	<1.5	<16	<10	<32	<69
		55	<1.5	<16	<10	<32	<69
DLED Next Gen. Frameless	BC710	55	<1.5	<16	<11	<26.5	<64.5
		65	<1.5	<16	<11	<32	<70.5
OLED	BC760	55	2,7	2,7	5	N/A	51,1
		65	2,7	2,7	5	N/A	51,1

UHD TV

UHD, the abbreviation for 'Ultra High Definition', is the most popular issue in TV business worldwide. Basically, UHD TV provides resolution of 3840x2160 (4K:2K) which equals to 4 times resolution of Full HD TV by doubling the pixel count of the Full HD TV both horizontally and vertically.

Vestel UHD TV offers an extreme watching experience with sharper and more colorful pictures thanks to higher pixel count. You will catch every detail on every corner of the screen thanks to stunning image production. Moreover, you will feel like living in a colorful virtual world while watching a scene on your UHD screen. While watching your favorite movie, watching a sports event or your favorite TV series delusive events are brought to your living room to fulfill your imaginations.

Thanks to its state of art industrial design and lifelike colorful image presentation, you will feel like that you are surrounded by paintings of famous artists in an art gallery while Vestel UHD TV is around.

Better Picture Quality

MEMC

Algorithm to overcome the motion blur effect. MEMC technology detects movement patterns of the objects and apply interpolation between pixels, providing much more smooth video experience.

HDR 10+

HDR10+ works differently than HDR10. It sends dynamic metadata, which allow TVs to set up colour and brightness levels frame-by-frame. This makes the picture look realistic. HDR10 aims to produce 1000 nits of peak brightness, whereas HDR 10+ supports up to 400 nits.

Standard Technology

HDR Technology

Micro Dimming

Algorithm for better contrast and vivid picture quality. This is provided by deep analysis of each pixels, realizing dark and bright regions and applying separate backlight.

Super Resolution

Algorithm to solve the artifacts of low resolution video upscaling.

Blue Strech

Human eye perceives cooler whites as brighter white, Blue Stretch feature changes White balance of mid-high gray levels to cooler color temperature

De-Contour

De-contour reduces the contour effects which are especially seen in low bitrate contents or auto scaling services like Youtube, Netflix etc. Contour effects are mostly seen in flat areas like sky and de-contour recognizes these problematic flat areas and makes these areas smoother.

		NON-SMART FHD/HD		NON-SMART UHD	SMART FHD/HD		
		MB140	MB140TC	MB180 G32	MB181TC	MB181	MB171
CPU		G9	G9	MTK G32	MTK G36	MTK G36	Mstar G11
Fire		X	X	X	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
PQ	SDR to HDR	X	X	X	X	X	X
	HDR10	X	X	✓	✓	✓	✓
	Dolby Vision	X	X	✓	X	X	X
	HLG	X	X	✓	✓	✓	✓
	Super Resolution	X	X	✓	✓	✓	X
	Micro Dimming	X	X	✓	✓	✓	X
	MEMC	X	X	X	X	X	X
	Blue Stretch	X	X	✓	✓	✓	✓
	De-Contour	X	X	X	X	X	X
AQ	Dolby Atmos	X	X	✓	X	X	X
	DTS Virtual: X	X	X	✓	✓	✓	X
	DTS: X	X	X	X	X	X	X
	DAP	X	X	✓	✓	✓	✓

		SMART UHD					
		MB180 G32 wo/ MEMC	MB180 G31	MB170	MB170	MB230	MB185
CPU		MTK G32	MTK G31	Mstar G22	Mstar G22	Novatek NT2671	MTK G31
Fire		802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11 a/b/g/n/ac
PQ	SDR to HDR	X	X	X	X	✓	✓
	HDR10	✓	✓	✓	✓	✓	✓
	Dolby Vision	✓	✓	✓	✓	✓	✓
	HLG	✓	✓	✓	✓	✓	✓
	Super Resolution	✓	✓	✓	✓	✓	✓
	Micro Dimming	✓	✓	✓	✓	✓	✓
	MEMC	X	✓	X	X	✓	✓
	Blue Stretch	✓	✓	✓	✓	✓	✓
	De-Contour	X	✓	X	X	✓	✓
AQ	Dolby Atmos	✓	✓	X	X	✓	✓
	DTS Virtual: X	✓	✓	X	✓	✓	✓
	DTS: X	X	X	X	X	X	✓
	DAP	✓	✓	✓	✓	✓	✓

Dolby Vision

What is Dolby Vision?

Vestel & Dolby Vision cooperation transforms the way you experience movies, TV shows, and games with incredible brightness, contrast, and color that bring entertainment to life before your eyes. By fully leveraging the maximum potential of new cinema projection technology and new TVs' display capabilities, Dolby Vision delivers high-dynamic-range (HDR) and wide-color-gamut content. The result is a refined, lifelike image that will make you forget you are looking at a screen. Current consumer video delivery and cinema standards are based on the limitations of old technologies and require altering the original content before it can be reproduced for playback—dramatically reducing the range of colors, brightness, and contrast from that captured by modern cameras. Dolby Vision changes that, giving creative teams the confidence that images will be reproduced faithfully on TVs, PCs, and mobile devices that feature Dolby Vision.

Dolby VISION IQ

Dolby Vision IQ extends the benefits of Dolby Vision beyond HDR by intelligently optimizing picture quality experiences for viewers in any room at every moment, all without consumers picking up their remote.

Dolby Vision Imaging Experience
Creates and maintains best HDR experience for customers with a Dolby Vision TV, leveraging broad content & device ecosystem

Automatically Perfect for all Lighting Environments
Maintains Dolby Vision color accuracy through use of content metadata when ambient lighting conditions change

Dolby End-to-end Ecosystem
Ensures superior experiences across all playback devices through comprehensive testing of SoCs and systems.

Automatically Perfect for all Content Types
Intelligently adjusts and optimizes the image based on content type (Gaming, OTT, etc.)

Why Dolby Vision?

Refined Detail

Refined detail helps reveal the nuanced textures and patterns of our world on the screen through the precise use of expanded color and contrast ranges.

Expended Contrast

Expanded contrast uses the much wider range of brights to darks to more closely capture the look of the real world, such as when bright shafts of light come streaming through a window into a dark train station.

Deep Darks

Deep darks provide a new level of richness and precision that makes every scene look more real and nuanced, helping you uncover secrets in the shadows or see the full depth of night skies.

Astonishing Brightness

Brightness blazes from the screen more brightly than today's standard TV sets allow while maintaining lifelike color and detail, so you can see the fiery flash of an explosion as well as the true beauty of a warm sunset.

Ultravivid Colors

Ultravivid colors display many more hues across the full brightness range — some never before seen on standard televisions — to show everything from the most intense neon lights to the subtlest shades of flowers to the true red of a London double-decker bus.

Enhanced Dimensionality

Enhanced dimensionality emerges from the picture, with more lifelike forms that have realistic shadows and crisp edges to impart a subtle but convincing three-dimensional feel.

Dolby Atmos

Dolby Atmos Ecosystem

Content

Dolby has built relationships with studios and creatives

Creation Tools

Spec mixing studios integrated Atmos into content creation

Cinema

More than 6000+ screens and 240+ Dolby Cinema's have atmos.

Distribution Tools

HW & SW tools and audio codecs created for delivery

Distribution

Atmos enabled on linear, VoD and OTT services

Playback

Device manufacturers decode codecs for the Atmos experience

A consumer can experience Dolby Atmos in the cinema and get that same Dolby Atmos experience in the home like no other sound solution.

Dolby Atmos for TVs

A TV with front or down - firing stereo speakers using Dolby Atmos immerses you in your favorite entertainment with sound that moves all around you with breathtaking realism.

Dolby Audio

Improves the audio experience for speaker playback.

Speaker Virtualizer

Headphone Virtualizer

Virtual Bass

Dolby Audio Processing Engine

Dolby Audio Processing (DAP) is a suite of post - processing technologies designed to improve the audio playback experience on a TV using TV speakers.

Surround Virtualizer + Upmixer

Volume Leveler

Dialogue Enhancement

Bass Enhancement and Virtual Bass

Speaker Tuning

Media Intelligence

TV Line-up

In terms of design and technology, Vestel offers considerably wide lineup range in order to meet broad expectations of people from a TV. One of the most popular technologies, such as UHD TV arises with elegant OLED design at the top of this lineup as it reflects the strength and quality of Vestel TV lineup. Moreover, elegant slim models including ultra narrow bezel designs, quality metal applications or fashionable stand designs are all positioned in attractive lineup of Vestel. Flexibility, design capability and know-how of high technology allow Vestel to offer the most suitable product for your demand that fits your personal delight as well.

xx760

xx760 Vestel OLED TV, with its high image and sound quality, is designed for customers who aspire to take their Television experience into a new level. This thin, minimalist and premium TV has an innovative and user friendly cable solution on its pedestal as a design element.

Vestel xx760 OLED TV is designed for customers who aspire to have high quality image and sound with minimalist design. The design itself has been manufactured with premium materials that brings forward its OLED Technology. Vestel xx760 OLED TV stands out with its metal pedestal design that highlights its sharp features as well as the front metal deco piece that preserves its holistic design. This front metal deco piece elegantly combines the two separate OLED screen and IRLED area, and allows them to be perceived as a continuation of each other. Its unique cable solution on the pedestal design allows users to hide all cables at the back of the pedestal and maintain Vestel OLED TVs minimalistic and holistic design.

The design is unique in the market with its innovative cable solution and elegant design language.

- In order to achieve the minimalistic design approach, all mechanical parts and joints are designed to be assembled without undermining the holistic and aesthetic perception of the design.
- The product is designed to be perceived as a whole dark glass that has a thin, shiny belt which allows it to maintain its sculpture-like aesthetic during the "off" state.
- The product is aesthetic both from the front and back.
- All parts of the pedestal design joints come together with great precision, maintaining the product's integral design.

Next Generation Frameless

Vestel brings two new platforms with new design approaches; "modularity" and "high variability".

Within the new industrial design conceptual base of modularity and creating high differentiation possibilities, there lies the basics of science of optic and engineering.

Optic distance -which creates the depth of the backlight unit- of the new half back cover designs reduced drastically with the collaborative R&D studies to catch up with the global design trends.

xx700

Cell-in-Frame

Borderless front look
Modern, sharp and slim frame design
Plastic side frame *can be H/S coated*
Metal back panel
Half type plastic back cover
Trendy linear texture on plastic back cover
Differentiation options with bottom frames *y bands*

xx710

Cell-on-Frame

Borderless front look
Slim frame design with premium approach
Metal side frame with diamond cut effect
Metal back panel
Half type plastic back cover
Trendy linear texture on plastic back cover
Differentiation options by frame color
Metal premium stand design

Frameless Skinny

Being the slimmest series in the new OD20 platform, XX660 is highly competitive within the market with its several versions.

Thanks to its design, OD20 metal backlight unit almost seems as edge-led model while the half back cover unit supports the visual conception.

Frameless

XX650, OD40 member of the new platform, is beyond its rivals with its half back cover design and modular bottom frame designs creating differentiation for each versions.

XX750
>

HDR | UHD | FHD | SMART TV

XX750 DLED TV is designed to connect people with media seamlessly. The section of the bezel creates a frameless visual all around the display. metal half back cover with precise details at combination of bottom frame and back light metal unit supports the quality feeling. bottom frame lens of XX750 is ready to be hot-stamped with different films to be mass customized"

AVAILABLE SIZES

D-LED 43", 50", 55", 65"

Dolby Vision

XX751
>

HDR | UHD | FHD | SMART TV

XX750 DLED TV is designed to connect people with media seamlessly. The section of the bezel creates a frameless visual all around the display. metal half back cover with precise details at combination of bottom frame and back light metal unit supports the quality feeling. bottom frame lens of XX750 is ready to be hot-stamped with different films to be mass customized"

AVAILABLE SIZES

D-LED 43", 50", 55", 65"

Dolby Vision

XX752
>

HDR | UHD | FHD | SMART TV

XX750 DLED TV is designed to connect people with media seamlessly. The section of the bezel creates a frameless visual all around the display. metal half back cover with precise details at combination of bottom frame and back light metal unit supports the quality feeling. bottom frame lens of XX750 is ready to be hot-stamped with different films to be mass customized"

AVAILABLE SIZES

D-LED 43", 50", 55", 65"

Dolby Vision

XX756
>

HDR | UHD | FHD | SMART TV

XX750 DLED TV is designed to connect people with media seamlessly. The section of the bezel creates a frameless visual all around the display. metal half back cover with precise details at combination of bottom frame and back light metal unit supports the quality feeling. bottom frame lens of XX750 is ready to be hot-stamped with different films to be mass customized"

AVAILABLE SIZES

D-LED 43", 50", 55", 65"

Dolby Vision

XX758

>

HDR | UHD | FHD | SMART TV

XX750 DLED TV is designed to connect people with media seamlessly. The section of the bezel creates a frameless visual all around the display. metal half back cover with precise details at combination of bottom frame and back light metal unit supports the quality feeling. bottom frame lens of XX750 is ready to be hot-stamped with different films to be mass customized"

AVAILABLE SIZES

D-LED 43", 50", 55", 65"

Dolby Vision

XX759
>

HDR | UHD | FHD | SMART TV

XX750 DLED TV is designed to connect people with media seamlessly. The section of the bezel creates a frameless visual all around the display. metal half back cover with precise details at combination of bottom frame and back light metal unit supports the quality feeling. bottom frame lens of XX750 is ready to be hot-stamped with different films to be mass customized"

AVAILABLE SIZES

D-LED 43", 50", 55", 65"

Dolby Vision

XX661

>

HDR | UHD | FHD | SMART TV

XX661 DLED Frameless TV is a high end yet affordable product with borderless frame design. Metal half back cover, assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment. Cosmetic lens is inspired by the latest design trends, offering inmold texture finishes enhanced with Premium hotstamp area."

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX662
>

HDR | UHD | FHD | SMART TV

XX662 DLED Frameless TV is a high end yet affordable product with borderless frame design. Metal half back cover, assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment. Cosmetic lens is inspired by the latest design trends, offering inmold texture finishes with recent repetitive line slim line trend.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX663

>

HDR | UHD | FHD | SMART TV

XX663 DLED Frameless TV is a high end yet affordable product with borderless frame design. Metal half back cover, assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment. Cosmetic lens is inspired by the latest design trends, offering glossy and matte finishes on the front as well as hotstamp finishes.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX664
>

HDR | UHD | FHD | SMART TV

XX664 DLED Frameless TV is a high end yet affordable product with borderless frame design. Metal half back cover, assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment. Cosmetic lens is inspired by the latest design trends, offering glossy and matte finishes on the front with an elegans sleek look.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX665
>

HDR | UHD | FHD | SMART TV

XX665 DLED Frameless TV is a high end yet affordable product with borderless frame design. Metal half back cover and metallic cosmetic lens provides a rich look. Assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX666
>

HDR | UHD | FHD | SMART TV

XX666 DLED Frameless TV is a high end yet affordable product with borderless frame design. Metal half back cover, assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment. Cosmetic lens is inspired by the latest design trends, offering glossy and matte finishes on the front.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX651

>

HDR | UHD | FHD | SMART TV

XX651 DLED Frameless TV is an affordable yet rich looking TV with borderless frame design. Metal half back cover and hotstamp cosmetic lens offers a high end finish product with very affordable prices . Assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX652
>

HDR | UHD | FHD | SMART TV

XX652 DLED Frameless TV is an affordable yet rich looking TV with borderless frame design. Metal half back cover offers a high end finish product with very affordable prices . Assembly details, matte&gloss finishes on the design and the premium finishing of product are beyond the quality perception expected from any product of this segment.

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX653
>

HDR | UHD | FHD | SMART TV

XX653 DLED Frameless TV is an affordable yet rich looking TV with borderless frame design. Metal half back cover and trendy cosmetic lens with metallic hotstamp feature offers a high end finish product with very affordable prices . Assembly details as well as premium finishing of product is beyond the quality perception expected from any product of this segment.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX654
>

HDR | UHD | FHD | SMART TV

XX654 DLED Frameless TV is an affordable yet rich looking TV with borderless frame design. Metal half back cover and glossy&matte cosmetic lens offers a high end finish product with very affordable prices . Assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX655
>

HDR | UHD | FHD | SMART TV

XX655 DLED Frameless TV is an affordable yet rich looking TV with borderless frame design. Metal half back cover and metallic cosmetic lens offers a high end finish product with very affordable prices . Assembly details and the premium finishing of product are beyond the quality perception expected from any product of this segment.

AVAILABLE SIZES

D-LED 32", 43", 50", 55", 58", 65"

Dolby Vision

XX550
>

HDR | UHD | FHD | SMART TV

Plastic high gloss fully flat cabinet suitable for matte & gloss coloring options.

AVAILABLE SIZES

D-LED 24", 32", 40", 43", 50", 55", 58", 65"

Dolby Vision

XX551
>

HDR | UHD | FHD | SMART TV

The special triangular cut edged hot stamp area is available for differentiation with several hot-stamp options.

AVAILABLE SIZES

D-LED 24", 32", 40", 43", 50", 55", 58", 65"

Dolby Vision

XX552
>

HDR | UHD | FHD | SMART TV

Linear hot-stamp area including the brand position is located on the special textured at the bezel bottom.

AVAILABLE SIZES

D-LED 24", 32", 40", 43", 49", 50", 55", 58", 65"

Dolby Vision

XX553
>

HDR | UHD | FHD | SMART TV

Special area left at the bottom frame is appropriate for several hot-stamp variations for differentiation.

AVAILABLE SIZES

D-LED 24", 32", 40", 43", 50", 55", 58", 65"

Dolby Vision

XX554
>

HDR | UHD | FHD | SMART TV

Matte and glossy surface section draws attention and creates the thickness deception.

AVAILABLE SIZES

D-LED 24", 32", 43", 50", 55"

Dolby Vision

XX555
>

HDR | UHD | FHD | SMART TV

Thin silver hot-stamp at the bottom frame highlights the brand

AVAILABLE SIZES

D-LED 24", 32", 43", 50", 55"

Dolby Vision

XX558
>

HDR | UHD | FHD | SMART TV

Tiny hole pattern creates a visual deception for the bottom frame area with strong differentiation.

AVAILABLE SIZES

D-LED 32", 43", 50", 55"

Dolby Vision

XX559
>

HDR | UHD | FHD | SMART TV

Special hotstamped area with logo area differentiation creates a high customization.

AVAILABLE SIZES

D-LED 32", 43", 50", 55"

Dolby Vision

75400
>

HDR | UHD | FHD | SMART TV | WIDE COLOR GAMUT

XL sized TV with black frame design.

AVAILABLE SIZES

D-LED 75"

Dolby Vision

AVAILABLE LENSES

CL300

CL301

CL302

CL303

CL304

CL306

CL308

CL312

CL314

CL316

CL318

Technological Highlights

Vestel offers TV models that include the latest technology thanks to its strong R&D capabilities. Vestel Smart TV that includes most popular global contents, specific attractive apps and starring TV features are all presented in broad lineup of Vestel. Moreover, Vestel is expert of multiscreen technologies as wireless display technologies are supported by Vestel Smart Center app that is offered in mobile devices in order to achieve second screen activities simultaneously with Vestel TV. You will be the master of technology as Vestel brings fantastic features into your home..

androidtv

As one of the leading manufacturers of the new version of Android TVs running on the latest Android Operating System, Vestel is proud to announce its commitment to the Android ecosystem.

Android TV brings content to the forefront of the TVs and allows for easy discovery and consumption of OTT content with its built-in Google Assistant.

Android TVs are going to get steady security updates and version upgrades within the 3 years from their development. This will assure our customers to always access the new improvements without the need to replace their products.

With their Android TVs Integrated with the Android ecosystem, customers will be able to control their smart home devices through their TVs and share their Android phone screens to their TVs with the integrated Chromecast support.

Voice Enabled BT Remote

CONTENT*

Netflix
Prime Video
YouTube
Google Play Movies
Google Play Music
3000+ apps thru Google Play

USAGE

Google Assistant (in selected countries)
Built-in Chromecast

*app availabilities may change based on location and at app owner's discretion

Google certified

Simple

Secure & up-to date

Comprehensive content

Voice Enabled TV

Alexa Built-in

Consumers are able to use Alexa to control their Vestel Smart TVs through embedded microphone on their TVs – all without a need for an additional Echo device! Alexa is able to help customers perform functions -additional to the Alexa utterances- such as turning the TV on and off, increasing or decreasing the volume, and changing the channels etc.

Built-In Hey Google*

Use Hey Google to control your Vestel Android TVs through embedded microphone on their TVs – all without a need for an additional Google Assistant device! Hey Google is able to help customers perform functions -additional to the Hey Google utterances- such as turning the TV on and off, increasing or decreasing the volume, and changing the channels etc.

Smart TV Works with Alexa

Vestel TVs are able to work with Alexa. Users can control their Vestel TVs through Amazon Echo devices by just adding the TV to Smart Home device list. Customers can differentiate these TVs with their works with Alexa badges.

Hey Google "Works with Google Home

Consumers can control their Vestel Smart TVs with their Google Assistant devices. Users in Google Home available countries are able to control their Vestel Smart TVs with their voice in their own languages.

TV
Settings
Apps
Sources
Home
Add More
NETFLIX
prime video
YouTube
TikTok
twitch
amazon music
Rakuten TV
VESTEL

Smart TV

Vestel Smart TV allows you to access all kinds of content with a simple click of your remote control. Through apps available on our platform you can stream music, videos and movies in real time. You can watch the missed episodes of your favorite TV shows via catch up services; you can rent the latest movies or watch internet videos. Moreover, you have access to many online applications in various categories such as news, sports, games, weather, entertainment, social networks and more. Featuring an app-first interface, Vestel Smart TVs allow you to customize the launcher of your TV in any way you want – all to provide a faster access to your favorite apps and content!

Available Services for Smart TV

Video
VOD
Premium VOD
Local content
Rental Video services
Catch-up
Local TV channels
Internet Video
Personal Music Channel
Social Networking
Music
Personal Radio
Music-on-demand
Web Radio
Games
Information Services
Weather
News

NETFLIX

Netflix is the most famous and essential VoD provider to watch movies and TV shows over internet connection. Vestel Smart TV enables you to watch thousands of movies and TV shows anytime you want and as much as you want via Netflix service. Having access to incredible world of TV episodes and movies, Vestel Smart TV instantly transforms your living room to a movie theater or a TV studio!

prime video

Prime Video is the Video on Demand service developed, owned and operated by Amazon. It offers television shows and films for rent or purchase as well as a selection of Amazon Studios original content and licensed acquisitions. You can get access to Amazon's carefully curated and steadfastly expanding content with an Amazon Prime or Prime Video Membership. As a close partner of Amazon, Vestel Smart TVs bring the Amazon experience to your living rooms at your fingertips or through your voice!

YouTube

Youtube is the world's biggest and most popular video sharing platform. The latest and greatest music videos, trends and channels are in here. You can also synch your mobile device to the app and enjoy the content. Being the most used app on Smart Tvs through out the world, Youtube is essential.

FreeviewPlay

Freeview Play is another smart portal that Vestel supports which includes BBC iPlayer, ITV, All4 and Demand5. You can enjoy catch up services of these channels via backward EPG, all in one place. Just connect to internet, open your Freeview Play and start watching without a subscription fee.

Vestel HBB (Hybrid Broadband Broadcast) TV feature provides a delightful entertainment to the users through the harmonized variety in broadband and broadcast delivery by extending the reach of multimedia content on your TV set. More entertainment services from broadcasters and online providers such as video-on-demand (VoD), interactive advertising, personalization, voting, games and social networking as well as program related services such as digital text and EPGs will be accessed by end-user.

Rakuten TV is a video-on-demand streaming service, offering movies and TV series for subscription, rental and purchase. Rakuten TV's catalogue includes content from studios around the world including Warner Bros., Disney, Sony Pictures Entertainment and Twentieth Century Fox Home Entertainment, local distributors, and independent labels.

Operational in 11 countries across Europe, Rakuten is a longterm partner of Vestel.

Browse & stream your favorite music and podcasts from your web browser now. Listen to your favorite playlists from over 90 million songs on Amazon Music

TikTok is the leading destination for short-form mobile video. The mission is to inspire creativity and bring joy

BBC iPlayer is an online VoD platform including whole TV shows as well as range of video clip contents. You can watch live contents and your favorite TV programs that you missed via BBC iPlayer on your Smart TV. Vestel Smart TV is all you need to meet your expectations from an online TV and radio service by providing you an opportunity to experience devastating entertainment show.

Twitch is where millions of people come together live every day to chat, interact, and make their own entertainment together. It's an interactive livestreaming service for content spanning gaming, entertainment, sports, music, and more

Takes You Inside the Sound

DTS has been making the world sound better with immersive, engaging audio experiences since 1993. We won't stop until every experience is sensational. The exclusive audio partner for the IMAX® Enhanced program.

DTS:X™ and DTS Virtual:X™

You're in every scene with DTS:X. Environments captivate. Games thrill. Home theater sound comes alive like never before. With as few as two speakers, DTS Virtual:X technology creates a cinematic experience, transforming your favourite movies with lifelike surround sound.

DTS® Play-Fi®

Wireless Surround Sound Made Simple

Welcome to DTS Play-Fi, the first-ever whole-home audio system that gives you the power to easily connect your TV with speakers, soundbars or subwoofers for a hassle-free multi-dimensional listening experience.

Also Featuring These Technologies

DTS 2.0 | DTS-HD

DTS TruSurround | DTS Studio Sound

IMAX®
ENHANCED
By IMAX dts

UNLEASH THE POWER OF IMAX AT HOME

IMAX Enhanced is the only way to experience IMAX's signature picture, sound, and scale outside of a movie theater. IMAX Enhanced combines digitally remastered 4K HDR content and DTS audio technologies with best-in-class consumer electronics, products and streaming platforms.

IMAXenhanced.com

Premier Whole-Home Audio Made Simple

Welcome to DTS Play-Fi, the whole-home wireless audio system that gives you the power to easily connect your TV with speakers, sound bars and sub-woofers from multiple brands.

Wireless Whole-Home Audio
In a flexible ecosystem of over 30 brands and over 400 products

TV Audio Wherever You Are Via WiFi
Synchronised with video to enable continued TV listening in any room

DTS Play-Fi Headphones
Private listening through the DTS Play-Fi Headphones app

Popular Music Services
Easy access to Spotify, Deezer, Amazon Music, Tidal and many more

Multiscreen Technology

Vestel Smart TV allows you to use your companion devices (tablet pc and smartphone) by synchronizing them with your Smart TV. Meanwhile, you can build multi-screen system at your home that upgrades you to a higher entertainment level. You can control your Smart TV with your mobile devices wirelessly, you can send multimedia contents from your devices to your TV in order to view them on TV screen and transfer TV stream to your companion devices to watch the stream on device simultaneously.

Wireless display

Wireless display feature allows mirroring the screen of your compatible Android device to stream videos up to 1080p on your Vestel Smart TV. While you are streaming a video on your smartphone, you can simultaneously mirror the screen of Android device on your wider Smart TV screen to enjoy detailed and higher quality pictures on TV without using any cable. Moreover, it is possible to send up to 5.1-surround sound that enables you to experience high quality sound as well. Besides, you can just share the home screen of your device, to scroll between the apps on your Android device. Directly connect mobile device to your TV and get a new perspective on sharing! Besides, wireless display technology allows users to send stream, photos, music, videos and apps from compatible Intel based PCs or portable devices to your wireless display compatible Vestel TV wirelessly. You can send up to 1080p video and 5.1 surround sound and have the opportunity to display the stream or multimedia contents on the bigger screen of TV with excellent picture and sound quality. You don't have to stick to little screen of your PC or portable device anymore. Just enjoy the new entertainment experience on your TV!

VESTEL

VCAST

You can use your phone, tablet, or computer to control supported applications on TV. This feature of Youtube application helps the user to connect their personal accounts to their Smart Tv only with a few clicks. You will have the comfort and efficiency of your mobile devices while watching the content desire on your Smart Tv. Just make sure your phone, tablet, or computer is connected to the same Wi-Fi network as your TV device. You also have the option to link with a TV code.

TV control: voice control, touchpad, keyboard and remote

You don't need your classical remote anymore! Via Smart Center, there are many options to control your TV over your mobile device. By using remote control panel on your mobile device; you can use your device as classical remote control. Moreover, you can use keyboard option while searching on internet. While using open browser, you can turn your mobile device into a touchpad controller. Attractively, you can give voice coands over Smart Center to control some features of your Smart TV.

Followme TV

Do you have to do some work in kitchen and want to continue to watch your favorite program? Smart Center allows viewers to deliver the video stream from Smart TV to tablet pc. While watching your favorite program, just transfer the broadcast to your mobile device. You can take your mobile device with you and continue to watch your favorite program in your kitchen!

Social media interaction

You can follow and send program related tweets or like your favorite programs on Facebook while watching your favorite TV program on your Vestel Smart TV. This way, you can connect to people all over the world that have the same delight with you!

EPG via Gracenote

EPG (Electronic Program Guide) data provides necessary information to viewers about TV broadcast prograing and program schedule for current and upcoming programs. Via Gracenote, Smart Center app will provide you broadcast schedule data and you will be aware of TV programs in details such as cast and crew. Moreover, you will be able to set reminders to watch your favorite programs as well as recording on time schedule of programs based on EPG data.

Media share

Via Smart Center, it is possible to send music, pictures and videos from your mobile device to your Smart TV TV by swiping over DLNA protocol and view them full size on your Smart TV to enhance your viewing experience. For instance, you can display your holiday photos together with your family on your big screen quality Smart TV with a simple swipe movement.

Portal launcher

Viewers can launch Smart TV Apps from personal tablet PC. Without using classical remote control, via Smart Center, you can connect your mobile device to your TV and directly launch various Smart TV apps and open browser by using your mobile device.

TV programs and vod (video-on-demand)

Viewers can browse TV channels, search movies or on-demand services on Smart Center. You can arrange your favorite TV channels, you can see the details of your favorite program and watch videos by using VoD that are related to your favorite TV program on internet.

Vestel Smart Center

Vestel is set to bring viewers extra features for their Smart TVs with the Smart Center appS. Free-to-download, the new remote control app is designed for Smart TVs from fifty popular as well as premium brands, offering more personalised control, ultra-convenient and fast access to TV listings, apps, and screen share functions.
Split into five sections – Home, Guide, Remote, Applications, and Settings, the app simplifies the navigation process, enabling users to enjoy a more intuitive user experience from their connected iOS and Android mobile devices.

Vestel Smart Center

TV Smart Centre

GET IT ON Google play

Available on the App Store

Home Screen

To help narrow down searches, the Home screen's Dashboard features extra information for up to thirty programmes and films, providing insightful synopses about shows and movies, as well as more detail about the genres and casts. While the Primetime section picks out and highlights specific programmes for peak evening viewing times between 8pm and midnight, the "For You" section does so for programmes, regardless of when they are scheduled.

The Home screen also offers quick and easy access to a whole range of flexible, and customisable viewing options. With one tap of the screen mirroring button, viewers can bring their saved videos, music, and photos straight to the big screen, and with one tap of the red control, record or set a reminder for their favourite TV series.

From the Home screen, Follow Me TV can also be accessed, enabling users to tune into live TV content on any connected mobile device from anywhere within range of the user's home WiFi network.

Please could you share how the programmes are selected? Why are they highlighted?

It shows the disfferent programmes randomly from that days's tv programmes between 20:00-24:00

Screen mirroring in the Home and Guide menus, not in the remote section.

Remote Screen

Bringing together all the most frequently used functions to one centralised place, the TV Smart Centre app Remote screen features a power button to switch the TV on, a 4-way D-pad, and buttons for several alternative search style options. These include modes for searching with numerical and alphabetical keyboards, and a touchpad, as well as a voice search function for simple remote control commands.

To stream the most highly sought-after content quickly and easily, there are also shortcut buttons for Netflix and YouTube, and a selection of media player controls that are immediately to hand.

These features in the “Remote” screen. Not in the Home screen. Maybe there can be also Remote subtitle to cover those features.

Guide and Apps

Giving viewers more personalised control and flexibility, the Guide screen offers further access to the screen mirroring button and the Follow Me TV function, along with the latest, most up-to-date TV listings with its "What's on TV" section.

Searching for must-see VoD content is also quick and easy, thanks to the Apps screen. Viewers can count on one-click access to all the streaming apps available on their Smart TVs, including Netflix, Amazon Prime Video, and YouTube as well as Rakuten, Twitch, Amazon Music, YouTube Kids and Red Bull TV.

Multi IR RCU*

In areas where there are multiple TVs installed, thanks to the Multi IR remote control unit, each remote can be assigned to a different TV with no signal interference from other remote controls. Up to four TVs can use this function simultaneously.

One Channel List

There may be several programs which can be received from terrestrial, cable or satellite broadcasts. VESTEL HotelTV provides a convenient channel list management with a single channel list which consists all the programs regardless of broadcast type.

USB

USB allows easy connection of external storage devices directly to your TV set. Via USB you can quickly connect external storage and access digital contents such as image files, video files and audio files. Simply connect your external memory source to USB port of Vestel TV to watch your favorite movies or to display photos that are stored on big screen of TV instead of being obliged to display these contents on the small screen of your computer. Plug yourself in bigger screen for higher pleasure!

BLUETOOTH

Vestel Smart TV's Bluetooth feature helps you to connect you accessories to your TV via Bluetooth. You can connect your headphones, sound systems, compatible 3D glasses and Vestel Touchpad remotes to enrich your TV using experience. Bluetooth feature completely changes your classical TV using habits and a true item for you to multiply the joy you have while watching TV!

HDMI

HDMI 2.1 provides Dynamic HDR for specifying HDR metadata on a scene-by-scene or even a frame-by-frame basis,Enhanced Audio Return Channel (Earc) for object-based audio formats such as Dolby Atmos and DTS:X.

Enhanced refresh rate and latency reduction feautures:

Auto Low Latency Mode (ALLM)- ALLM allows the current HDMI source device to automatically select, based on its better understanding of the nature of its own content, which mode the user would most likely prefer.

Auto-Data Erase

Hotel TVs have the ability to clear all cache data for Smart TV applications such as Facebook, Twitter, Youtube, etc. This increases the security for hotel guests.

Anti-Theft Battery Cover*

The anti-theft battery cover is a simple screw lock providing a fool-proof security to prevent the remote control battery from being stolen. It just makes your life easier.

Basic Hotel Mode

Hotel Mode Features

Basic hotel mode is particularly configured mode which makes usage of TV more specific and more accurate for commercial TV business branches thanks to the features it includes. Some basic features provide enhanced differentiation and to the point meet of expectations in hospitality applications which can be accessed via special controller combination.

Welcome Screen

Commercial logo, message or default pictures can be used and displayed at the start-up of TV. These can be displayed if the hotel mode is enabled. This feature allows you to benefit from customization at the high levels.

Wake-Up Alarm

In hotel mode, guests can set a wake-up time and TV can automatically wake up at the desired time and an alarm rings to wake you up. Concurrently, welcome image is shown on the screen while alarm is ringing.

USB Cloning

USB cloning allows you to copy the settings of one TV to all other TV units in an easier way. For instance, you can copy the settings or channel list of one TV to high amounts of TV by using USB cloning. By this way, you can simply standardize all TVs without spending a lot of time. Helpful USB cloning feature prevents you from dealing with time-consuming installations and makes your life easier.

Start-Up Position

This feature allows you to specify the starting channel when TV is switched on.

Volume Limit And Fixed Volume Value

You can set the maximum and minimum values as you wish. If you set volume limit, you set the maximum value the volume can have. Moreover, when fixed volume enable is on, volume cannot be set to a value other than the fixed volume value.

Custom Bootlogo

Custom Bootlogo feature allows you to choose your favorite photo such as your family photo, favorite nature photo and more for the opening screen of TV. Meanwhile, customization opportunity will make your TV exclusive for you!

Osd Disable On/Off

OSD disable allows you to control TV settings and prevents guests from changing the installation settings. Users cannot reach channel table or installation menu and that means channel list and installation settings cannot be changed.

Last Status

When 'last status' feature is set to on, this feature enables TV to open with the closing status. Otherwise, TV opens with standby status.

Energy saving

With convenient design and latest technologies applied, your TV tends to consume less energy in order to meet energy efficiency standard. Paying attention to energy efficiency issues, your TV truly cares about you and work to build a 'brighter' future for you.

Power board

Application of power safe mode and effective power efficiency usage prevents your TV from unnecessarily excess power consumption in order to contribute energy saving.

Panel Design

LED Lighting systems used while building TV anticipate the effective selection and placement of LEDs in order to enhance energy efficiency levels by consuming less power.

Mainboard

Advanced technology applied in new mainboard designs that are used, allows TV to consume less energy by ensuring the optimum harmony between lighting system and signal distribution that is achieved by mainboard.

DVB-T + C, DVB-T2 and DVB-S2

DVB-T+C is the abbreviation for Digital Video Broadcasting- Terrestrial and Cable. Vestel TV employs the integration of terrestrial tuner and cable tuner which allows TV set to receive digital terrestrial and cable broadcasts as well as traditional analog signals. Viewers can eliminate the set-top box and Pay TV receiver because of the availability of CI+ module slot.

DVB-T2 that stands for Digital Video Broadcasting-Second Generation Terrestrial is the most advanced digital terrestrial broadcast system. Vestel TV includes a DVB-T2 tuner and allows TV to receive both standard and high definition terrestrial broadcasts without using a set-top-box or a Pay TV receiver.

DVB-S2 corresponds to Digital Video Broadcasting-Second Generation Satellite that provides digital satellite broadcasts. Vestel TV that is equipped with a DVB-S2 tuner enables user to watch both standard definition and high definition satellite broadcasts without the necessity for a set-top-box.

DVB T2/C/S2

Country Based Approvals and Broadcast

Country Based Approved Operators	Terrestrial DVB-T	Terrestrial DVB-T2	Cable DVB-C	Satelitte DVB-S/S2
Australia	freeview			
Austria		simpliTV	Magenta TV	ORF HD AUSTRIA simpliTV
Belgium			telenet voo READY	TÉLÉSAT TV VLAANDEREN
Croatia		CERTIFICIRANO		
Czech		CRA		SKYLINK
Denmark		NORLYS	youSee Stofa:	
Estonia	Digilevi			
Finland		SMART HD ANTENNA READY ANTENNA READY HD	CABLE HD READY	
France				fransat connect fransat
Germany		DVB-T2 HD freenet TV	vodafone	Integriert: HD+ 6 Monate gratis ready for HD+
Ghana		digital ghana		
Greece	EPT HYBRID			
Hungary	MinDig TV MinDig TV HbbTV		vodafone	UPC DIRECT
Ireland		SAORVIEW		

Country Based Approved Operators	Terrestrial DVB-T	Terrestrial DVB-T2	Cable DVB-C	Satelitte DVB-S/S2
Italy		la tivù 4K		tivù sat HD, tivù sat 4K ULTRA HD
Netherlands			Ziggo geschikt, Digitale en Interactieve TV i.c.m. CI+ module Ziggo	CANAL DIGITAAL
New Zealand	freeview plus			
Norway	RiksTV			
Poland			upc	
Romania	DIGI		vodafone	FOCUS SAT
Slovakia				SKYLINK
Spain	Lovestv			
Serbia		Digital TV Coming soon		
Sweden		TELE2	TELE2	
Switzerland			upc	kabelio
Turkey		DVB-T2 RTUK	TurksatKablo	Digiturk, D-SMART
UK		FreeviewHD, FreeviewPlay		

4K HDR ULTRA HD CERTIFIED BY EUROFINS

4K HDR™ IMMERSIVE CERTIFIED BY EUROFINS

ULTRA HD PREMIUM

Accessories

Elder Remote

Simple remote has a new design with new features. It is the most practical way of controlling your daily standard TV activities with lesser number of buttons. After configuring system settings of your TV with standard remote, the rest could be easily managed by this 18 button RC. Select your source, navigate between channels and do simple operations with bigger buttons.

Air Mouse

Air Mouse is enjoyable and easy way of controlling your Smart TV to live an amazing user experience. You can perform 2 control options by using your Air Mouse wirelessly: Point and Gesture!

Point: Discover the simple way of using Smart TV and internet. Simply point, click, enter any content or move anywhere on your Smart TV.

Gesture: You don't have to spend more time for movement on menus. Air Mouse enables you to zoom in and out by moving back and forth while holding OK button.

Functional Remote Controllers

Less buttons and elegant design remote controller which will ensure that the remote controller is as simple as possible. Operational complexity will be reduced by this kind of remote controllers. Ability to control your Smart TV with less button.

Different Types of Remote Controllers

Remote controllers which bring great convenience to our daily life, come with different technologies. Infrared remote controllers, bluetooth remote controllers and voice control remote controllers are available for your smart TVs.

Remote Controls

RC 1501

RC 1835

RC 2218

RC 2290

RC 22137

RC 39165

RC 1750

RC 1751

RC 2055

RC 2056

RC 45135P

RC 45157

RC 45159

RC 45160

RC 45161

RC 4518P

RC 4590P

RC 45137P

RC 4591P

RC 45190

RC 45191

Solar Remote

Stand Designs

Single Neck And Twin-Stand Design

Vestel designs own TV stands by applying creative design process. Applying the latest unique design trends, Vestel TV is the representative of elegance with its huge amount of stylish stand design options.

Including many different trendy stand designs, Vestel TV stands are designed and classified as two main categories: Single-Neck and Twin Stands.

Single-neck and twin-stand options make Vestel flexible to use both concepts to form different combinations of TV lineups. Using these options, Vestel TVs provides different look matching with the environment that TV stands in.

Stand Designs
2023

xx633

xx636

xx638

xx652

xx653

xx654

xx655

xx656

Stand Designs
2021

xx516

xx517

xx518

xx519

xx526

xx561

xx562

xx563

xx660

Stand Designs
2021

xx530

xx531

xx532

xx533

xx534

xx535

xx536

xx537

xx538

xx539

Stand Designs
2020

xx570

xx571

xx550

xx551

xx552

xx553

xx554

xx555

Stand Designs
2020

xx500

xx501

xx502

xx503

xx504

xx505

xx506

xx507

xx508

xx509

xx400

xx406

xx407

xx408

xx409

xx410

xx115

xx182

xx185

xx260

xx275

xx280

Stand Designs
2020

xx415

xx416

xx417

xx420

xx421

xx423

xx428

xx985

xx980

Stand Designs
2019

xx300

xx301

xx302

xx303

xx304

xx305

xx306

xx307

xx308

xx309

xx310

xx311

xx313

xx316

xx325

Awards

DME

DME AWARD

RED DOT

reddot design award winner

A'DESIGN

IF

PLUS X

GOOD DESIGN

ePDA

EUROPEAN PRODUCT DESIGN AWARD

IDA

DESIGN TURKEY

TURQUALITY

Specifications

MB140 S097	20”	22”	24”	28”	32”	39”	40”	43”	48”	49”	50”	55”
MAIN FEATURES												
FULL HD	-	•	-	-	o	o	•	•	•	•	•	•
ULTRA HD	-	-	-	-	-	-	-	-	-	-	-	-
100HZ (FLICKER FREE)	-	-	-	-	-	-	-	-	-	-	-	-
LED DIRECT BACK LIGHT (DLED)	-	-	o	o	o	o	o	o	o	o	o	o
LED EDGE BACK LIGHT (ELED)	•	•	o	o	o	o	o	o	o	o	o	o
LED DIRECT BACK LIGHT (DLED) CURVED TYPE	-	-	-	-	-	-	-	-	-	-	-	-
OLED	-	-	-	-	-	-	-	-	-	-	-	-
MPEG4	•	•	•	•	•	•	•	•	•	•	•	•
HEVC (H.265)	o	o	o	o	o	o	o	o	o	o	o	o
ISDB-TB	-	-	-	-	-	-	-	-	-	-	-	-
TV-DVD PLAYER COMBI	o	o	o	o	o	-	o	o	-	-	-	-
3DTV	-	-	-	-	-	-	-	-	-	-	-	-
3DTV TYPE	-	-	-	-	-	-	-	-	-	-	-	-
2D - 3D CONVERSION	-	-	-	-	-	-	-	-	-	-	-	-
MEDIA PLAYER	•	•	•	•	•	•	•	•	•	•	•	•
PVR READY (USB RECORD)	o	o	o	o	o	o	o	o	o	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
SCREEN FORMAT												
VISIBLE SCREEN SIZE	50	55	61	71	81	99	102	109	122	124	127	139
SCREEN FORMAT	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:09	16:9	16:9
RECEPTION & TUNING SYSTEMS												
TUNER VHF/UHF/CABLE	•	•	•	•	•	•	•	•	•	•	•	•
APS / ATS (AUTO SEARCH)	•	•	•	•	•	•	•	•	•	•	•	•
PROGRAM STORAGE CAPACITY (ANALOG)	200	200	200	200	200	200	200	200	200	200	200	200
PAL SECAM B/G D/K I/I’ (TRI STANDART)	•	•	•	•	•	•	•	•	•	•	•	•
NTSC	-	-	-	-	-	-	-	-	-	-	-	-
DUAL TUNER	-	-	-	-	-	-	-	-	-	-	-	-
UNICABLE	o	o	o	o	o	o	o	o	o	o	o	o
DISEQC	o	o	o	o	o	o	o	o	o	o	o	o
SOUND												
GER(D) + NICAM STEREO	•	•	•	•	•	•	•	•	•	•	•	•
EQUALIZER (5 BAND)	5 band	5 band	5 band	5 band	5 band	5 band	5 band	5 band	5 band	5 band	5 band	5 band
BASS / TREBLE	-	-	-	-	-	-	-	-	-	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•	•	•	•	•	•	•	•	•	•
DDCO	-	-	-	-	-	-	-	-	-	-	-	-
MS10 (DOLBY)	-	-	-	-	-	-	-	-	-	-	-	-
MS11 (DOLBY)	•	•	•	•	•	•	•	•	•	•	•	•
MS12 (DOLBY)	-	-	-	-	-	-	-	-	-	-	-	-
DOLBY AUDIO PROCESSING (DAP)	-	-	-	-	-	-	-	-	-	-	-	-
DOLBY ATMOS	-	-	-	-	-	-	-	-	-	-	-	-
DOLBY AC4	-	-	-	-	-	-	-	-	-	-	-	-
DTS TRUSURROUND	o	o	o	o	o	o	o	o	o	o	o	o
DTS 2.0+ DIGITAL OUT	-	-	-	-	-	-	-	-	-	-	-	-
DTS HD	o	o	o	o	o	o	o	o	o	o	o	o
DTS VIRTUAL:X	-	-	-	-	-	-	-	-	-	-	-	-
DTS:X	-	-	-	-	-	-	-	-	-	-	-	-
SURROUND SOUND	•	•	•	•	•	•	•	•	•	•	•	•
AUDIO OUTPUT POWER (RMS)	2x2.5W	2x2.5W	2x2.5W	2x6W	2x6W	2x8W	2x8W	2x8W	2x8W	2x8W	2x8W	2x8W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTORS I/O												
RF: TV/CATV 75 OHMS COAXIAL	•	•	•	•	•	•	•	•	•	•	•	•
SCART (EUROCONNECTOR)	1	1	1	1	1	1	1	1	1	1	1	1
SVHS VIA SCART	•	•	•	•	•	•	•	•	•	•	•	•
RGB VIA SCART2	-	-	-	-	-	-	-	-	-	-	-	-
COMPOSITE VIDEO/AUDIO IN	•	•	•	•	•	•	•	•	•	•	•	•
COMPOSITE VIDEO OUT	-	-	-	-	-	-	-	-	-	-	-	-
AUDIO LINE OUT	-	-	-	-	-	-	-	-	-	-	-	-
AUDIO LINE OUT VIA HEADPHONE	•	•	•	•	•	•	•	•	•	•	•	•
S-VHS IN (S-VIDEO 4-PIN DIN)	-	-	-	-	-	-	-	-	-	-	-	-
YPBPR (COMPONENT) IN	-	-	-	-	-	-	-	-	-	-	-	-
YPBPR IN VIA VGA	•	•	•	•	•	•	•	•	•	•	•	•
VGA (PC IN: D-SUB15)	•	•	•	•	•	•	•	•	•	•	•	•
PC AUDIO IN	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV
HDMI 1 (ARC) (Back)	•	•	•	•	•	•	•	•	•	•	•	•
HDMI 2 (Back)	o	o	o	o	o	o	o	o	o	o	o	o
HDMI 3 (Back)	o	o	o	o	o	o	o	o	o	o	o	o
HDMI 4	-	-	-	-	-	-	-	-	-	-	-	-
HDCP (1.2/ 2.0 / 2.2)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
DIGITAL AUDIO OUTPUT (COAXIAL)	•	•	•	•	o	-	-	-	-	-	-	-
DIGITAL AUDIO OUTPUT (OPTIC)	-	-	-	-	o	•	•	•	•	•	•	•
HEADPHONE OUT (MAIN VOLUME CONTROL)	•	•	•	•	•	•	•	•	•	•	•	•

MB140 S097	20”	22”	24”	28”	32”	39”	40”	43”	48”	49”	50”	55”
HEADPHONE OUT (HEADPHONE VOL. CONTROL SUPPORT DUAL CHANNELS)	-	-	-	-	-	-	-	-	-	-	-	-
SUBWOOFER LINE OUT (PASSIVE)	-	-	-	-	-	-	-	-	-	-	-	-
INTERNAL SUBWOOFER	-	-	-	-	-	-	-	-	-	-	-	-
USB1 (2.0) (Side)	•	•	•	•	•	•	•	•	•	•	•	•
USB2 (2.0) (Back)	o	o	o	o	o	o	o	o	o	o	o	o
USB3 (2.0)	-	-	-	-	-	-	-	-	-	-	-	-
USB4 (2.0)	-	-	-	-	-	-	-	-	-	-	-	-
LAN-ETHERNET (IEEE 802.3) RJ45	-	-	-	-	-	-	-	-	-	-	-	-
SMART PORT-INTERACTIVE READY HOTEL TV APP.RJ12	-	-	-	-	-	-	-	-	-	-	-	-
RS232 (IN/OUT) (D-SUB 9)	via SCART											
DIGITAL SW UPDATE	USB & LAN(UK)											
PICTURE												
ZOOM MODES (ASPECT RATIO)	•	•	•	•	•	•	•	•	•	•	•	•
COMB FILTER (2D / 3D)	3D	3D	3D	3D	3D	3D	3D	3D	3D	3D	3D	3D
CTI/LTI	•	•	•	•	•	•	•	•	•	•	•	•
DIGITAL NOISE REDUCTION	•	•	•	•	•	•	•	•	•	•	•	•
PSEUDO (SOFT) PIXELLENCE	o	o	o	o	o	o	o	o	o	o	o	o
DYNAMIC CONTRAST	•	•	•	•	•	•	•	•	•	•	•	•
PROGRESSIVE SCAN	•	•	•	•	•	•	•	•	•	•	•	•
ME/MC (MOTION ESTIMATION MOTION COMPENSATION)	-	-	-	-	-	-	-	-	-	-	-	-
PICTURE WIZARD	-	-	-	-	-	-	-	-	-	-	-	-
HDR (HDR10, DOLBY VISION, HLG)	-	-	-	-	-	-	-	-	-	-	-	-
DOLBY VISION HDR	-	-	-	-	-	-	-	-	-	-	-	-
HDR10+	-	-	-	-	-	-	-	-	-	-	-	-
BLUE STRETCH	-	-	-	-	-	-	-	-	-	-	-	-
MICRO DIMMING	-	-	-	-	-	-	-	-	-	-	-	-
DE-CONTOUR	-	-	-	-	-	-	-	-	-	-	-	-
GAMUT MAPPING	-	-	-	-	-	-	-	-	-	-	-	-
SDR TO HDR	-	-	-	-	-	-	-	-	-	-	-	-
SUPER RESOLUTION	-	-	-	-	-	-	-	-	-	-	-	-
FILM MAKER MODE	-	-	-	-	-	-	-	-	-	-	-	-
DOLBY VISION IQ	-	-	-	-	-	-	-	-	-	-	-	-
AI	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTIVITY FEATURES												
HBBTV (1.5)	-	-	-	-	-	-	-	-	-	-	-	-
FREEVIEW PLAY	-	-	-	-	-	-	-	-	-	-	-	-
WIFI (VIA USB DONGLE)	-	-	-	-	-	-	-	-	-	-	-	-
HTML5 SUPPORT (BY YOUTUBE LB4 2014)	-	-	-	-	-	-	-	-	-	-	-	-
4K SUPPORT (BY YOUTUBE VP9 2015)	-	-	-	-	-	-	-	-	-	-	-	-
DLNA 1.5	-	-	-	-	-	-	-	-	-	-	-	-
MHL VIA HDMI (MOBILE HD LINK)	-	-	-	-	-	-	-	-	-	-	-	-
BLUETOOTH	-	-	-	-	-	-	-	-	-	-	-	-
HOTEL TV	-	-	-	-	-	-	-	-	-	-	-	-
DIGITAL SIGNAGE	-	-	-	-	-	-	-	-	-	-	-	-
PORTAL SUPPORT	-	-	-	-	-	-	-	-	-	-	-	-
WIFI (INTERNAL)	-	-	-	-	-	-	-	-	-	-	-	-
OPEN INTERNET	-	-	-	-	-	-	-	-	-	-	-	-
BBC IPLAYER, NEWS, SPORTS, CRB	-	-	-	-	-	-	-	-	-	-	-	-
NETFLIX	-	-	-	-	-	-	-	-	-	-	-	-
NETFLIX 4K	-	-	-	-	-	-	-	-	-	-	-	-
AMAZON PRIME VIDEO	-	-	-	-	-	-	-	-	-	-	-	-
AMAZON ALEXA READY (WORKS WITH ALEXA)	-	-	-	-	-	-	-	-	-	-	-	-
AMAZON ALEXA WITH FAR-FIELD MICROPHONE BOX	-	-	-	-	-	-	-	-	-	-	-	-
AMAZON DASH (DASH REPLENISHMENT SYSTEM)	-	-	-	-	-	-	-	-	-	-	-	-
SKY NOW TV	-	-	-	-	-	-	-	-	-	-	-	-
DISNEY+	-	-	-	-	-	-	-	-	-	-	-	-
MIRACAST	-	-	-	-	-	-	-	-	-	-	-	-
GOOGLECAST	-	-	-	-	-	-	-	-	-	-	-	-
INTEL WI-DI	-	-	-	-	-	-	-	-	-	-	-	-
WAKE UP ON LAN (WOLAN / WOWLAN)	-	-	-	-	-	-	-	-	-	-	-	
Embedded Camera	-	-	-	-	-	-	-	-	-	-	-	
WiFi 6	-	-	-	-	-	-	-	-	-	-	-	
ADDITIONAL FEATURES												
NTSC PLAYBACK	Via Scart & Side AV											
SLEEP TIMER	•	•	•	•	•	•	•	•	•	•	•	•
HOTEL MODE (PASSIVE)	•	•	•	•	•	•	•	•	•	•	•	•
CHILD LOCK	•	•	•	•	•	•	•	•	•	•	•	•
NO IDENT TIMER	•	•	•	•	•	•	•	•	•	•	•	•
TOUCH KEY PAD	-	-	-	-	-	-	-	-	-	-	-	-
ONBOARD TACT SWITCH	-	-	-	-	-	-	-	-	-	-	-	-

MB140 S097	20”	22”	24”	28”	32”	39”	40”	43”	48”	49”	50”	55”
USB CLONING	o	o	o	o	o	o	o	o	o	o	o	o
TOUCH SENSE	-	-	-	-	-	-	-	-	-	-	-	-
3 WAY SWITCH	•	•	•	o	o	o	o	o	o	o	o	o
AIR MOUSE	-	-	-	-	-	-	-	-	-	-	-	-
FEATURE OSD	o	o	o	o	o	o	o	o	o	o	o	o
ANIMATED FEATURE OSD	-	-	-	-	-	-	-	-	-	-	-	-
E-IB	-	-	-	-	-	-	-	-	-	-	-	-
STR (SUSPEND TO RAM = INSTANT ON)	-	-	-	-	-	-	-	-	-	-	-	-
DIGITAL (DVB)												
PROGRAM STORAGE CAPACITY (DIGITAL T/T2/C)	800	800	800	800	800	800	800	800	800	800	800	800
PROGRAM STORAGE CAPACITY (DIGITAL S/S2)	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
MENU LANGUAGES	Danish, German, Estonian, English, Spanish, Greek, French, Gaelic, Gallegan, Croatian, Italian, Latvian, Lithuanian, Luxembourgish, Hungarian, Dutch, Norwegian, Polish, Portuguese, Russian, Romanian, Albanian, Slovenian, Slovak, Serbian, Finnish, Swedish, Turkish, Czech, Ukranian, Bulgarian, Arabic, Persian, Hebrew, Belarussian, Flemish, Macedonian, Montenegrin, Kazakh,											
DIGITAL TELETEXT MHEG/MHP (ONLY FOR UK ID TV)	“UK: MHEG 5 1.06 PAN EU: VBI”											
EPG (ELECTRONIC PROGRAM GUIDE)	•	•	•	•	•	•	•	•	•	•	•	•
EPG NOW AND NEXT	-	-	-	-	-	-	-	-	-	-	-	-
EPG TIMELINE SCHEDULE	•	•	•	•	•	•	•	•	•	•	•	•
COMMON INTERFACE (PCMCIA SLOT FOR PAY CHANNELS)	•	•	•	•	•	•	•	•	•	•	•	•
SMART CARD	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDED SYSTEMS (CONAX, IRDETO ..ETC)	-	-	-	-	-	-	-	-	-	-	-	-
LCN INSTALLATION (CHECK FOR COUNTRY)	•	•	•	•	•	•	•	•	•	•	•	•
COMMUNICATION												
CEC (CONNECTED EQUIPMENT FEATURES VIA HDMI)	•	•	•	•	•	•	•	•	•	•	•	•
eARC (W/ HDMI 2.1)	-	-	-	-	-	-	-	-	-	-	-	-
ALLM (AUTO LOW LATENCY MODE W/ HDMI 2.1)	-	-	-	-	-	-	-	-	-	-	-	-
VRR (Variable Refresh Rate)	-	-	-	-	-	-	-	-	-	-	-	-
QMS (Quick Media Switching)	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovanian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainan, Serbian, Bylerussian			-	-	-	-	-	-	-	-	-
OPERATION												
ROCKER SWITCH	o	o	o	o	o	o	o	o	o	o	o	o
POWER SUPPLY	220-240V AC							-	-	-	-	-
STAND-BY POWER	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
AC/DC TV (MOBIL TV)	o	o	o	-	-	-	-	-	-	-	-	-
SUPPLIED EXTRAS (RELATED TO CABINET AND CONCEPT)												
WALL HANGING KIT	o	o	o	o	o	o	o	o	o	o	o	o
CERTIFICATES												
WEEE COMPLIANT	•	•	•	•	•	•	•	•	•	•	•	•
ROHS COMPLIANT	•	•	•	•	•	•	•	•	•	•	•	•
CERTIFICATES												
WEEE COMPLIANT	•	•	•	•	•	•	•	•	•	•	•	•
ROHS COMPLIANT	•	•	•	•	•	•	•	•	•	•	•	•
Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported												
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)												
No MobileTV (12Vdc Input) option for UK (United Kingdom)												

• Default
o Optional
- •/A

Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)
No MobileTV (12Vdc Input) option for UK (United Kingdom)

Specifications are subject to change without prior notice.

MB181 S114	22”	24”	32”	39”	40”	43”
MAIN FEATURES						
FULL HD	•	-	o	-	•	•
ULTRA HD	-	-	-	-	-	-
100HZ (FLICKER FREE)	-	-	-	-	-	-
LED DIRECT BACK LIGHT (DLED)	-	-	•	•	•	•
LED EDGE BACK LIGHT (ELED)	•	•	-	-	-	-
LED DIRECT BACK LIGHT (DLED) CURVED TYPE	-	-	-	-	-	-
OLED	-	-	-	-	-	-
MPEG4	•	•	•	•	•	•
HEVC (H.265)	•	•	•	•	•	•
ISDB-TB	-	-	-	-	-	-
TV-DVD PLAYER COMBI	o	o	o	-	-	-
3DTV	-	-	-	-	-	-
3DTV TYPE	-	-	-	-	-	-
2D - 3D CONVERSION	-	-	-	-	-	-
MEDIA PLAYER	•	•	•	•	•	•
PVR READY (USB RECORD)	o	o	o	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	1.4	1.4	1.4	1.4	1.4	1.4
SCREEN FORMAT						
VISIBLE SCREEN SIZE	55	61	81	99	102	109
SCREEN FORMAT	16:9	16:9	16:9	16:9	16:9	16:9
RECEPTION & TUNING SYSTEMS						
TUNER VHF/UHF/CABLE	•	•	•	•	•	•
APS / ATS (AUTO SEARCH)	•	•	•	•	•	•
PROGRAM STORAGE CAPACITY (ANALOG)	200	200	200	200	200	200
PAL SECAM B/G D/K I/I' (TRI STANDART)	•	•	•	•	•	•
NTSC	-	-	-	-	-	-
DUAL TUNER	-	-	-	-	-	-
UNICABLE	o	o	o	o	o	o
DISEQC	o	o	o	o	o	o
SOUND						
GER(D) + NICAM STEREO	•	•	•	•	•	•
EQUALIZER (5 BAND)	5 band	5 band	5 band	5 band	5 band	5 band
BASS / TREBLE	-	-	-	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•	•	•	•
DDCO	-	-	-	-	-	-
MS10 (DOLBY)	-	-	-	-	-	-
MS11 (DOLBY)	-	-	-	-	-	-
MS12 (DOLBY)	•	•	•	•	•	•
DOLBY AUDIO PROCESSING (DAP)	•	•	•	•	•	•
DOLBY ATMOS	-	-	-	-	-	-
DOLBY AC4	•	•	•	•	•	•
DTS TRUSURROUND	-	-	-	-	-	-
DTS 2.0+ DIGITAL OUT	-	-	-	-	-	-
DTS HD	o	o	o	o	o	o
DTS VIRTUAL:X	o	o	o	o	o	o
DTS:X	-	-	-	-	-	-
SURROUND SOUND	•	•	•	•	•	•
AUDIO OUTPUT POWER (RMS)	2x2.5W	2x2.5W	2x6W	2x8W	2x8W	2x8W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	-	-	-	-	-
CONNECTORS I/O						
RF: TV/CATV 75 OHMS COAXIAL	•	•	•	•	•	•
SCART (EUROCONNECTOR)	-	-	-	-	-	-
SVHS VIA SCART	-	-	-	-	-	-
RGB VIA SCART2	-	-	-	-	-	-
COMPOSITE VIDEO/AUDIO IN	•	•	•	•	•	•
COMPOSITE VIDEO OUT	-	-	-	-	-	-
AUDIO LINE OUT	-	-	-	-	-	-
AUDIO LINE OUT VIA HEADPHONE	o	o	o	o	o	o
S-VHS IN (S-VIDEO 4-PIN DIN)	-	-	-	-	-	-
YPBPR (COMPONENT) IN	-	-	-	-	-	-
YPBPR IN VIA VGA	o	o	o	o	o	o

MB181 S114	22”	24”	32”	39”	40”	43”
VGA (PC IN: D-SUB15)	•	•	•	•	•	•
PC AUDIO IN	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV
HDMI 1 (Side)	•	•	•	•	•	•
HDMI 2 (ARC) (Back)	•	•	•	•	•	•
HDMI 3 (Back)	o	o	o	o	o	o
HDMI 4	-	-	-	-	-	-
HDCP (1.2/ 2.0 / 2.2)	2.2	2.2	2.2	2.2	2.2	2.2
DIGITAL AUDIO OUTPUT (COAXIAL)	•	•	o	-	-	-
DIGITAL AUDIO OUTPUT (OPTIC)	-	-	o	•	•	•
HEADPHONE OUT (MAIN VOLUME CONTROL)	o	o	o	o	o	o
HEADPHONE OUT (HEADPHONE VOL.CONTROL SUPPORT DUAL CHANNELS)	•	•	•	•	•	•
SUBWOOFER LINE OUT (PASSIVE)	-	-	-	-	-	-
INTERNAL SUBWOOFER	-	-	-	-	-	-
USB1 (2.0) (Side)	•	•	•	•	•	•
USB2 (2.0) (Side)	o	o	o	o	o	o
USB3 (2.0)	-	-	-	-	-	-
USB4 (2.0)	-	-	-	-	-	-
LAN-ETHERNET (IEEE 802.3) RJ45	•	•	•	•	•	•
SMART PORT-INTERACTIVE READY HOTEL TV APP.RJ12	-	-	-	-	-	-
RS232 (IN/OUT)	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA
DIGITAL SW UPDATE	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN
PICTURE						
ZOOM MODES (ASPECT RATIO)	•	•	•	•	•	•
COMB FILTER (2D / 3D)	3D	3D	3D	3D	3D	3D
CTI/LTI	•	•	•	•	•	•
DIGITAL NOISE REDUCTION	•	•	•	•	•	•
PSEUDO (SOFT) PIXELLENCE	-	-	-	-	-	-
DYNAMIC CONTRAST	•	•	•	•	•	•
PROGRESSIVE SCAN	•	•	•	•	•	•
ME/MC (MOTION ESTIMATION MOTION COMPENSATION)	-	-	-	-	-	-
PICTURE WIZARD	-	-	-	-	-	-
HDR (HDR10, HLG)	•	•	•	•	•	•
DOLBY VISION HDR	-	-	-	-	-	-
HDR10+	-	-	-	-	-	-
BLUE STRETCH	•	•	•	•	•	•
MICRO DIMMING	•	•	•	•	•	•
DE-CONTOUR	-	-	-	-	-	-
GAMUT MAPPING	-	-	-	-	-	-
SDR TO HDR	-	-	-	-	-	-
SUPER RESOLUTION	•	•	•	•	•	•
FILM MAKER MODE	-	-	-	-	-	-
DOLBY VISION IQ	-	-	-	-	-	-
AI	o	o	o	o	o	o
CONNECTIVITY FEATURES						
HBBTV (2.0.2)	•	•	•	•	•	•
FREEVIEW PLAY	•	•	•	•	•	•
WIFI (VIA USB DONGLE)	-	-	-	-	-	-
HTML5 SUPPORT (BY YOUTUBE LB4 2014)	•	•	•	•	•	•
4K SUPPORT (BY YOUTUBE VP9 2015)	-	-	-	-	-	-
DLNA 1.5	-	-	-	-	-	-
MHL VIA HDMI (MOBILE HD LINK)	-	-	-	-	-	-
BLUETOOTH	o	o	o	o	o	o
HOTEL TV	-	-	-	-	-	-
DIGITAL SIGNAGE	-	-	-	-	-	-
PORTAL SUPPORT	•	•	•	•	•	•
WIFI (INTERNAL)	o	o	o	o	o	o
OPEN INTERNET	•	•	•	•	•	•
BBC IPLAYER, NEWS, SPORTS, CRB	•	•	•	•	•	•
NETFLIX	•	•	•	•	•	•
NETFLIX 4K	-	-	-	-	-	-
AMAZON PRIME VIDEO	o	o	o	o	o	o

MB181 S114	22”	24”	32”	39”	40”	43”
AMAZON ALEXA READY (WORKS WITH ALEXA)	o	o	o	o	o	o
AMAZON ALEXA WITH FAR-FIELD MICROPHONE BOX	o	o	o	o	o	o
AMAZON DASH (DASH REPLENISHMENT SYSTEM)	-	-	-	-	-	-
SKY NOW TV	-	-	-	-	-	-
DISNEY+	-	-	-	-	-	-
MIRACAST	o	o	o	o	o	o
GOOGLECAST	-	-	-	-	-	-
INTEL WI-DI	-	-	-	-	-	-
WAKE UP ON LAN (WOLAN / WOWLAN)	•	•	•	•	•	•
Embedded Camera	-	-	-	-	-	-
WiFi 6	-	-	-	-	-	-
ADDITIONAL FEATURES						
NTSC PLAYBACK	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV
SLEEP TIMER	•	•	•	•	•	•
HOTEL MODE (PASSIVE)	•	•	•	•	•	•
CHILD LOCK	•	•	•	•	•	•
NO IDENT TIMER	•	•	•	•	•	•
TOUCH KEY PAD	-	-	-	-	-	-
ONBOARD TACT SWITCH	-	-	-	-	-	-
USB CLONING	o	o	o	o	o	o
TOUCH SENSE	-	-	-	-	-	-
3 WAY SWITCH	•	•	o	o	o	o
AIR MOUSE	-	-	-	-	-	-
FEATURE OSD	o	o	o	o	o	o
ANIMATED FEATURE OSD	o	o	o	o	o	o
E-IB	o	o	o	o	o	o
STR (SUSPEND TO RAM = INSTANT ON)	•	•	•	•	•	•
DIGITAL (DVB)						
PROGRAM STORAGE CAPACITY (DIGITAL T/T2/C)	800	800	800	800	800	800
PROGRAM STORAGE CAPACITY (DIGITAL S/S2)	10000	10000	10000	10000	10000	10000
MENU LANGUAGES	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albenian, Gaelic, Macedonian, Montenegrin, Flemish, Kazakh, Thai, Belarussian					
DIGITAL TELETEXT MHEG/MHP (ONLY FOR UK ID TV)	UK: MHEG 5 1.06 PAN EU: VBI					
EPG (ELECTRONIC PROGRAM GUIDE)	•	•	•	•	•	•
EPG NOW AND NEXT	-	-	-	-	-	-
EPG TIMELINE SCHEDULE	•	•	•	•	•	•
COMMON INTERFACE (PCMCIA SLOT FOR PAY CHANNELS)	•	•	•	•	•	•
SMART CARD	-	-	-	-	-	-
EMBEDDED SYSTEMS (CONAX, IRDETO ..ETC)	-	-	-	-	-	-
LCN INSTALLATION (CHECK FOR COUNTRY)	•	•	•	•	•	•
COMMUNICATION						
CEC (CONNECTED EQUIPMENT FEATURES VIA HDMI)	•	•	•	•	•	•
eARC (W/ HDMI 2.1)	-	-	-	-	-	-
ALLM (AUTO LOW LATENCY MODE W/ HDMI 2.1)	-	-	-	-	-	-
VRR (Variable Refresh Rate)	-	-	-	-	-	-
QMS (Quick Media Switching)	-	-	-	-	-	-
OPERATION						
ROCKER SWITCH	o	o	o	o	o	o
POWER SUPPLY	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
STAND-BY POWER	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
AC/DC TV (MOBIL TV)	o	o	-	-	-	-
SUPPLIED EXTRAS (RELATED TO CABINET AND CONCEPT)						
WALL HANGING KIT	o	o	o	o	o	o
CERTIFICATES						
WEEE COMPLIANT	•	•	•	•	•	•
ROHS COMPLIANT	•	•	•	•	•	•

• Default
o Optional
- •/A

Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)
No MobileTV (12Vdc Input) option for UK (United Kingdom)

Specifications are subject to change without prior notice.

MB171 S112	24	32”	43”
MAIN FEATURES			
FULL HD	-	o	•
ULTRA HD	-	-	-
100HZ (FLICKER FREE)	-	-	-
LED DIRECT BACK LIGHT (DLED)	o	o	o
LED EDGE BACK LIGHT (ELED)	o	o	o
LED DIRECT BACK LIGHT (DLED) CURVED TYPE	-	-	-
OLED	-	-	-
MPEG4	•	•	•
HEVC (H.265)	•	•	•
ISDB-TB	-	-	-
TV-DVD PLAYER COMBI	-	-	-
3DTV	-	-	-
3DTV TYPE	-	-	-
2D - 3D CONVERSION	-	-	-
MEDIA PLAYER	•	•	•
PVR READY (USB RECORD)	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	1.4	1.4	1.4
SCREEN FORMAT			
VISIBLE SCREEN SIZE	61	81	109
SCREEN FORMAT	16:9	16:9	16:9
RECEPTION & TUNING SYSTEMS			
TUNER VHF/UHF/CABLE	•	•	•
APS / ATS (AUTO SEARCH)	•	•	•
PROGRAM STORAGE CAPACITY (ANALOG)	200	200	200
PAL SECAM B/G D/K I/I' (TRI STANDART)	•	•	•
NTSC	-	-	-
DUAL TUNER	-	-	-
UNICABLE	o	o	o
DISEQC	o	o	o
SOUND			
GER(D) + NICAM STEREO	•	•	•
EQUALIZER (5 BAND)	5 band	5 band	5 band
BASS / TREBLE	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•
DDCO	-	-	-
MS10 (DOLBY)	-	-	-
MS11 (DOLBY)	-	-	-
MS12 (DOLBY)	•	•	•
DOLBY AUDIO PROCESSING (DAP)	•	•	•
DOLBY ATMOS	-	-	-
DOLBY AC4	-	-	-
DTS TRUSURROUND	-	-	-
DTS 2.0+ DIGITAL OUT	-	-	-
DTS HD	-	-	-
DTS VIRTUAL:X	-	-	-
DTS:X	-	-	-
SURROUND SOUND	-	-	-
AUDIO OUTPUT POWER (RMS)	2x2,5W	2x6W	2x8W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	-	-
CONNECTORS			
RF: TV/CATV 75 OHMS COAXIAL	•	•	•
SCART (EUROCONNECTOR)	-	-	-
SVHS VIA SCART	-	-	-
RGB VIA SCART2	-	-	-
COMPOSITE VIDEO/AUDIO IN	•	•	•
COMPOSITE VIDEO OUT	-	-	-
AUDIO LINE OUT	-	-	-
AUDIO LINE OUT VIA HEADPHONE	•	•	•
S-VHS IN (S-VIDEO 4-PIN DIN)	-	-	-
YPBPR (COMPONENT) IN	-	-	-

MB171 S112	24	32”	43”
YPBPR IN VIA VGA	•	•	•
VGA (PC IN: D-SUB15)	•	•	•
PC AUDIO IN	via Back AV	via Back AV	via Back AV
HDMI 1 (Side)	•	•	•
HDMI 2 (ARC) (Back)	•	•	•
HDMI 3 (Back)	•	•	•
HDMI 4 (Back)	-	-	-
HDCP (1.2/ 2.0 / 2.2)	2.2	2.2	2.2
DIGITAL AUDIO OUTPUT (COAXIAL)	•	o	-
DIGITAL AUDIO OUTPUT (OPTIC)	-	o	•
HEADPHONE OUT (MAIN VOLUME CONTROL)	•	•	•
HEADPHONE OUT (HEADPHONE VOL.CONTROL SUPPORT DUAL CHANNELS)	-	-	-
SUBWOOFER LINE OUT (PASSIVE)	-	-	-
INTERNAL SUBWOOFER	-	-	-
USB1 (2.0) (Side)	•	•	•
USB2 (2.0) (Side)	•	•	•
USB3 (2.0)	-	-	-
USB4 (2.0)	-	-	-
LAN-ETHERNET (IEEE 802.3) RJ45 (FOR RETURN CHANNEL-UK MARKET)	•	•	•
SMART PORT-INTERACTIVE READY HOTEL TV APP.RJ12	-	-	-
RS232 (IN/OUT)	via VGA	via VGA	via VGA
DIGITAL SW UPDATE	USB / GOTA	USB / GOTA	USB / GOTA
PICTURE			
ZOOM MODES (ASPECT RATIO)	•	•	•
COMB FILTER (2D / 3D)	3D	3D	3D
CTI/LTI	•	•	•
DIGITAL NOISE REDUCTION	•	•	•
PSEUDO(SOFT) PIXELLENCE	-	-	-
DYNAMIC CONTRAST	•	•	•
PROGRESSIVE SCAN	•	•	•
ME/MC (MOTION ESTIMATION – MOTION COMPENSATION)	-	-	-
PICTURE WIZARD	-	-	-
HDR (HDR10, HLG)	•	•	•
DOLBY VISION HDR	-	-	-
HDR10+	-	-	-
BLUE STRETCH	•	•	•
MICRO DIMMING	-	-	-
DE-CONTOUR	-	-	-
GAMUT MAPPING	-	-	-
SDR TO HDR	-	-	-
SUPER RESOLUTION	-	-	-
FILM MAKER MODE	-	-	-
DOLBY VISION IQ	-	-	-
AI			
CONNECTIVITY FEATURES			
HBBTV (2.0.2)	•	•	•
FREEVIEW PLAY	o	o	o
WIFI (VIA USB DONGLE)	-	-	-
HTML5 SUPPORT (BY YOUTUBE LB4 2014)	•	•	•
4K SUPPORT (BY YOUTUBE VP9 2015)	-	-	-
DLNA 1.5	-	-	-
MHL VIA HDMI (MOBILE HD LINK)	-	-	-
BLUETOOTH	•	•	•
HOTEL TV	-	-	-
DIGITAL SIGNAGE	-	-	-
PORTAL SUPPORT	-	-	-
WIFI (INTERNAL)	•	•	•
OPEN INTERNET	-	-	-
BBC IPLAYER, NEWS, SPORTS, CRB	o	o	o
NETFLIX	•	•	•
NETFLIX 4K	-	-	-

MB171 S112	24	32”	43”
AMAZON PRIME VIDEO	•	•	•
AMAZON ALEXA READY (WORKS WITH ALEXA)	-	-	-
AMAZON ALEXA WITH FAR-FIELD MICROPHONE BOX	-	-	-
AMAZON DASH (DASH REPLENISHMENT SYSTEM)	-	-	-
SKY NOW TV	-	-	-
DISNEY+	•	•	•
MIRACAST	-	-	-
GOOGLECAST	•	•	•
INTEL WI-DI	-	-	-
WAKE UP ON LAN (WOLAN / WOWLAN)	•	•	•
Embedded Camera	-	-	-
WiFi 6	-	-	-
ADDITIONAL FEATURES			
NTSC PLAYBACK	Via Back AV	Via Back AV	Via Back AV
SLEEP TIMER	•	•	•
HOTEL MODE (PASSIVE)	-	-	-
CHILD LOCK	-	-	-
NO IDENT TIMER	•	•	•
TOUCH KEY PAD	-	-	-
ONBOARD TACT SWITCH	-	-	-
USB CLONING	-	-	-
TOUCH SENSE	-	-	-
3 WAY SWITCH	o	o	o
AIR MOUSE	-	-	-
FEATURE OSD	-	-	-
ANIMATED FEATURE OSD	o	o	o
E-IB	•	•	•
STR (SUSPEND TO RAM = INSTANT ON)	•	•	•
DIGITAL (DVB)			
PROGRAM STORAGE CAPACITY (DIGITAL T/T2/C)	1000	1000	1000
PROGRAM STORAGE CAPACITY (DIGITAL S/S2)	10000	10000	10000
MENU LANGUAGES	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Gaelic, Macedonian, Kazakh, Thai, Belarussian		
DIGITAL TELETEXT MHEG/MHP (ONLY FOR UK ID TV)	MHEG 5 1.06	MHEG 5 1.06	MHEG 5 1.06
EPG (ELECTRONIC PROGRAM GUIDE)	•	•	•
EPG NOW AND NEXT	-	-	-
EPG TIMELINE SCHEDULE	•	•	•
COMMON INTERFACE (PCMCIA SLOT FOR PAY CHANNELS)	•	•	•
SMART CARD	-	-	-
EMBEDDED SYSTEMS (CONAX, IRDETO ..ETC)	-	-	-
LCN INSTALLATION (CHECK FOR COUNTRY)	•	•	•
COMMUNICATION			
CEC (CONNECTED EQUIPMENT FEATURES VIA HDMI)	•	•	•
eARC (W/ HDMI 2.1)	-	-	-
ALLM (AUTO LOW LATENCY MODE W/ HDMI 2.1)	-	-	-
VRR (VARIABLE REFRESH RATE)	-	-	-
QMS (QUICK MEDIA SWITCHING)	-	-	-
OPERATION			
ROCKER SWITCH	o	o	o
POWER SUPPLY	220-240V AC	220-240V AC	220-240V AC
STAND-BY POWER	<0.5W	<0.5W	<0.5W
AC/DC TV (MOBIL TV)	-	-	-
SUPPLIED EXTRAS (RELATED TO CABINET AND CONCEPT)			
WALL HANGING KIT	o	o	o
CERTIFICATES			
WEEE COMPLIANT	•	•	•
ROHS COMPLIANT	•	•	•

• Default
o Optional
- •/A

Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)
No MobileTV (12Vdc Input) option for UK (United Kingdom)

Specifications are subject to change without prior notice.

MB180E S116	43”	50”	55”	58”	65”	70”	75”
MAIN FEATURES							
FULL HD	-	-	-	-	-	-	-
ULTRA HD	•	•	•	•	•	•	•
100HZ (FLICKER FREE)	-	-	-	-	-	-	-
LED DIRECT BACK LIGHT (DLED)	o	o	o	o	o	o	o
LED EDGE BACK LIGHT (ELED)	o	o	o	-	o	-	-
LED DIRECT BACK LIGHT (DLED) CURVED TYPE	-	-	-	-	-	-	-
OLED	-	-	-	-	-	-	-
MPEG4	•	•	•	•	•	•	•
HEVC (H.265)	•	•	•	•	•	•	•
ISDB-TB	-	-	-	-	-	-	-
TV-DVD PLAYER COMBI	-	-	-	-	-	-	-
3DTV	-	-	-	-	-	-	-
3DTV TYPE	-	-	-	-	-	-	-
2D - 3D CONVERSION	-	-	-	-	-	-	-
MEDIA PLAYER	•	•	•	•	•	•	•
PVR READY (USB RECORD)	o	o	o	o	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	2.1	2.1	2.1	2.1	2.1	2.0	2.0
PVR READY (USB RECORD)	o	o	o	o	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	2.1	2.1	2.1	2.1	2.1	2.0	2.0
SCREEN FORMAT							
VISIBLE SCREEN SIZE	109	127	140	147	164	190	190
SCREEN FORMAT	16:9	16:9	16:9	16:9	16:9	16:9	16:9
RECEPTION & TUNING SYSTEMS							
TUNER VHF/UHF/CABLE	o	o	o	o	o	o	o
APS / ATS (AUTO SEARCH)	o	o	o	o	o	o	o
PROGRAM STORAGE CAPACITY (ANALOG)	200	200	200	200	200	200	200
PAL SECAM B/G D/K I/I' (TRI STANDART)	o	o	o	o	o	o	o
NTSC	-	-	-	-	-	-	-
DUAL TUNER	-	-	-	-	-	-	-
UNICABLE	o	o	o	o	o	o	o
DISEQC	o	o	o	o	o	o	o
SOUND							
GER(D) + NICAM STEREO	o	o	o	o	o	o	o
EQUALIZER (5 BAND)	5 band	5 band	5 band	5 band	5 band	5 band	5 band
BASS / TREBLE	-	-	-	-	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•	•	•	•	•
DDCO	-	-	-	-	-	-	-
MS10 (DOLBY)	-	-	-	-	-	-	-
MS11 (DOLBY)	-	-	-	-	-	-	-
MS12 (DOLBY)	•	•	•	•	•	•	•
DOLBY AUDIO PROCESSING (DAP)	•	•	•	•	•	•	•
DOLBY ATMOS	o	o	o	o	o	o	o
DOLBY AC4	•	•	•	•	•	•	•
DTS TRUSURROUND	-	-	-	-	-	-	-
DTS 2.0+ DIGITAL OUT	-	-	-	-	-	-	-
DTS HD	-	-	-	-	-	-	-
DTS VIRTUAL:X	o	o	o	o	o	o	o
DTS:X	-	-	-	-	-	-	-
SURROUND SOUND	o	o	o	o	o	o	o
AUDIO OUTPUT POWER (RMS)	2x10W	2x10W	2x10W	2x10W	2x12W	2x12W	2x12W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	12W	12W	12W	12W	12W	12W
CONNECTORS I/O							
RF: TV/CATV 75 OHMS COAXIAL	o	o	o	o	o	o	o
SCART (EUROCONNECTOR)	-	-	-	-	-	-	-
SVHS VIA SCART	-	-	-	-	-	-	-
RGB VIA SCART2	-	-	-	-	-	-	-
COMPOSITE VIDEO/AUDIO IN	-	-	-	-	-	-	-
COMPOSITE VIDEO OUT	-	-	-	-	-	-	-
AUDIO LINE OUT	-	-	-	-	-	-	-
AUDIO LINE OUT VIA HEADPHONE	•	•	•	•	•	•	•
S-VHS IN (S-VIDEO 4-PIN DIN)	-	-	-	-	-	-	-
YPBPR (COMPONENT) IN	-	-	-	-	-	-	-
YPBPR IN VIA VGA	-	-	-	-	-	-	-
VGA (PC IN: D-SUB15)	-	-	-	-	-	-	-

MB180E S116	43”	50”	55”	58”	65”	70”	75”
PC AUDIO IN	-	-	-	-	-	-	-
HDMI 1 (Side)	•	•	•	•	•	•	•
HDMI 2 (ARC) (Side)	•	•	•	•	•	•	•
HDMI 3 (Back)	o	o	o	o	o	o	o
HDMI 4	-	-	-	-	-	-	-
HDCP (1.2/ 2.0 / 2.2)	2.2	2.2	2.2	2.2	2.2	2.2	2.2
DIGITAL AUDIO OUTPUT (COAXIAL)	-	-	-	-	-	-	-
DIGITAL AUDIO OUTPUT (OPTIC)	•	•	•	•	•	•	•
HEADPHONE OUT (MAIN VOLUME CONTROL)	o	o	o	o	o	o	o
HEADPHONE OUT (HEADPHONE VOL.CONTROL SUPPORT DUAL CHANNELS)	o	o	o	o	o	o	o
SUBWOOFER LINE OUT (PASSIVE)	-	-	-	-	-	-	-
INTERNAL SUBWOOFER	-	o	o	o	o	o	o
USB1 (2.0) (Side)	•	•	•	•	•	•	•
USB2 (2.0) (Side)	o	o	o	o	o	o	o
USB3 (2.0)	-	-	-	-	-	-	-
USB4 (2.0)	-	-	-	-	-	-	-
LAN-ETHERNET (IEEE 802.3) RJ45 (FOR RETURN CHANNEL-UK MARKET)	o	o	o	o	o	o	o
SMART PORT-INTERACTIVE READY HOTEL TV APP.RJ12	-	-	-	-	-	-	-
RS232 (IN/OUT)	via HDMI 1	via HDMI 1	via HDMI 1	via HDMI 1	via HDMI 1	via VGA	via VGA
DIGITAL SW UPDATE	USB (Single SW)	USB (Single SW)	USB (Single SW)	USB (Single SW)	USB (Single SW)	USB (Single SW)	USB (Single SW)
PICTURE							
ZOOM MODES (ASPECT RATIO)	•	•	•	•	•	•	•
COMB FILTER (2D / 3D)	3D	3D	3D	3D	3D	3D	3D
CTI/LTI	•	•	•	•	•	•	•
DIGITAL NOISE REDUCTION	•	•	•	•	•	•	•
PSEUDO (SOFT) PIXELLENCE	-	-	-	-	-	-	-
DYNAMIC CONTRAST	•	•	•	•	•	•	•
PROGRESSIVE SCAN	•	•	•	•	•	•	•
ME/MC (MOTION ESTIMATION MOTION COMPENSATION)	o	o	o	o	o	o	o
PICTURE WIZARD	-	-	-	-	-	-	-
HDR (HDR10, HLG)	•	•	•	•	•	•	•
DOLBY VISION HDR	o	o	o	o	o	o	o
HDR10+	o	o	o	o	o	o	o
BLUE STRETCH	o	o	o	o	o	o	o
MICRO DIMMING	o	o	o	o	o	o	o
DE-CONTOUR	o	o	o	o	o	o	o
GAMUT MAPPING	o	o	o	o	o	o	o
SDR TO HDR	-	-	-	-	-	-	-
SUPER RESOLUTION	o	o	o	o	o	o	o
FILM MAKER MODE	-	-	-	-	-	-	-
DOLBY VISION IQ	-	-	-	-	-	-	-
AI	o	o	o	o	o	o	o
CONNECTIVITY FEATURES							
HBBTV (2.0.2)	o	o	o	o	o	o	o
FREEVIEW PLAY	o	o	o	o	o	o	o
WIFI (VIA USB DONGLE)	-	-	-	-	-	-	-
HTML5 SUPPORT (BY YOUTUBE LB4 2014)	-	-	-	-	-	o	o
4K SUPPORT (BY YOUTUBE VP9 2015)	o	o	o	o	o	o	o
DLNA 1.5	o	o	o	o	o	o	o
MHL VIA HDMI (MOBILE HD LINK)	-	-	-	-	-	-	-
BLUETOOTH	o	o	o	o	o	o	o
HOTEL TV	o	o	o	o	o	o	o
DIGITAL SIGNAGE	-	-	-	-	-	-	-
PORTAL SUPPORT	o	o	o	o	o	o	o
WIFI (INTERNAL)	o	o	o	o	o	o	o
OPEN INTERNET	o	o	o	o	o	o	o
BBC IPLAYER, NEWS, SPORTS, CRB	o	o	o	o	o	o	o
NETFLIX	o	o	o	o	o	o	o
NETFLIX 4K	o	o	o	o	o	o	o
AMAZON PRIME VIDEO	o	o	o	o	o	o	o

MB180E S116	43”	50”	55”	58”	65”	70”	75”
AMAZON ALEXA READY (WORKS WITH ALEXA)	o	o	o	o	o	o	o
AMAZON ALEXA WITH FAR-FIELD MICROPHONE BOX	o	o	o	o	o	o	o
AMAZON DASH (DASH REPLENISHMENT SYSTEM)	o	o	o	o	o	o	o
SKY NOW TV	-	-	-	-	-	-	-
DISNEY+	-	-	-	-	-	-	-
MIRACAST	o	o	o	o	o	o	o
GOOGLECAST	-	-	-	-	-	-	-
INTEL WI-DI	o	o	o	o	o	o	o
WAKE UP ON LAN (WOLAN / WOWLAN)	o	o	o	o	o	o	o
Embedded Camera	-	-	-	-	-	-	-
WiFi 6	-	-	-	-	-	-	-
ADDITIONAL FEATURES							
NTSC PLAYBACK	-	-	-	-	-	-	-
SLEEP TIMER	•	•	•	•	•	•	•
HOTEL MODE (PASSIVE)	•	•	•	•	•	•	•
CHILD LOCK	•	•	•	•	•	•	•
NO IDENT TIMER	•	•	•	•	•	•	•
TOUCH KEY PAD	-	-	-	-	-	-	-
ONBOARD TACT SWITCH	o	o	o	o	o	o	o
USB CLONING	o	o	o	o	o	o	o
TOUCH SENSE	-	-	-	-	-	-	-
3 WAY SWITCH	-	-	-	-	-	-	-
AIR MOUSE	-	-	-	-	-	-	-
FEATURE OSD	o	o	o	o	o	o	o
ANIMATED FEATURE OSD	o	o	o	o	o	o	o
E-IB	o	o	o	o	o	o	o
STR (SUSPEND TO RAM = INSTANT ON)	•	•	•	•	•	•	•
DIGITAL (DVB)							
PROGRAM STORAGE CAPACITY (DIGITAL T/T2/C)	800	800	800	800	800	800	800
PROGRAM STORAGE CAPACITY (DIGITAL S/S2)	10000	10000	10000	10000	10000	10000	10000
MENU LANGUAGES	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albenian, Gaelic, Macedonian, Montenegrin, Flemish, Kazakh, Thai, Belarussian						
DIGITAL TELETEXT MHEG/MHP (ONLY FOR UK ID TV)	UK: MHEG 5 1.06 PAN EU: VBI						
EPG (ELECTRONIC PROGRAM GUIDE)	o	o	o	o	o	o	o
EPG NOW AND NEXT	-	-	-	-	-	-	-
EPG TIMELINE SCHEDULE	o	o	o	o	o	o	o
COMMON INTERFACE (PCMCIA SLOT FOR PAY CHANNELS)	o	o	o	o	o	o	o
SMART CARD	-	-	-	-	-	-	-
EMBEDDED SYSTEMS (CONAX, IRDETO ..ETC)	-	-	-	-	-	-	-
LCN INSTALLATION (CHECK FOR COUNTRY)	o	o	o	o	o	o	o
COMMUNICATION							
CEC (CONNECTED EQUIPMENT FEATURES VIA HDMI)	o	o	o	o	o	o	o
eARC (W/ HDMI 2.1)	o	o	o	o	o	o	o
ALLM (AUTO LOW LATENCY MODE W/ HDMI 2.1)	o	o	o	o	o	o	o
VRR (Variable Refresh Rate)	-	-	-	-	-	-	-
QMS (Quick Media Switching)	-	-	-	-	-	-	-
OPERATION							
ROCKER SWITCH	o	o	o	o	o	o	o
POWER SUPPLY	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
STAND-BY POWER	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
AC/DC TV (MOBIL TV)	-	-	-	-	-	-	-
SUPPLIED EXTRAS (RELATED TO CABINET AND CONCEPT)							
WALL HANGING KIT	o	o	o	o	o	o	o
CERTIFICATES							
WEEE COMPLIANT	•	•	•	•	•	•	•
ROHS COMPLIANT	•	•	•	•	•	•	•

• Default
o Optional
- •/A

Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)
No MobileTV (12Vdc Input) option for UK (United Kingdom)

Specifications are subject to change without prior notice.

MB170 S108	40”	43”	49”	50”	55”	65”	75”
MAIN FEATURES							
FULL HD	-	-	-	-	-	-	-
ULTRA HD	•	•	•	•	•	•	•
100HZ (FLICKER FREE)	-	-	-	-	-	-	-
LED DIRECT BACK LIGHT (DLED)	o	o	o	o	o	o	o
LED EDGE BACK LIGHT (ELED)	o	o	o	o	o	o	o
LED DIRECT BACK LIGHT (DLED) CURVED TYPE	-	-	-	-	-	-	-
OLED	-	-	-	-	-	-	-
MPEG4	•	•	•	•	•	•	•
HEVC (H.265)	•	•	•	•	•	•	•
ISDB-TB	-	-	-	-	-	-	-
TV-DVD PLAYER COMBI	-	-	-	-	-	-	-
3DTV	-	-	-	-	-	-	-
3DTV TYPE	-	-	-	-	-	-	-
2D - 3D CONVERSION	-	-	-	-	-	-	-
MEDIA PLAYER	•	•	•	•	•	•	•
PVR READY (USB RECORD)	o	o	o	o	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	2.0	2.0	2.0	2.0	2.0	2.0	2.0
SCREEN FORMAT							
109	124	127	140	147	164	190	
16:9	16:9	16:9	16:9	16:9	16:9	16:9	
RECEPTION & TUNING SYSTEMS							
TUNER VHF/UHF/CABLE	•	•	•	•	•	•	•
APS / ATS (AUTO SEARCH)	•	•	•	•	•	•	•
PROGRAM STORAGE CAPACITY (ANALOG)	200	200	200	200	200	200	200
PAL SECAM B/G D/K I/I' (TRI STANDART)	•	•	•	•	•	•	•
NTSC	-	-	-	-	-	-	-
DUAL TUNER	-	-	-	-	-	-	-
UNICABLE	o	o	o	o	o	o	o
DISEQC	o	o	o	o	o	o	o
SOUND							
GER(D) + NICAM STEREO	•	•	•	•	•	•	•
EQUALIZER (5 BAND)	5 band	5 band	5 band	5 band	5 band	5 band	5 band
BASS / TREBLE	-	-	-	-	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•	•	•	•	•
DDCO	-	-	-	-	-	-	-
MS10 (DOLBY)	-	-	-	-	-	-	-
MS11 (DOLBY)	-	-	-	-	-	-	-
MS12 (DOLBY)	•	•	•	•	•	•	•
DOLBY AUDIO PROCESSING (DAP)	•	•	•	•	•	•	•
DOLBY ATMOS	-	-	-	-	-	-	-
DOLBY AC4	•	•	•	•	•	•	•
DTS TRUSURROUND	-	-	-	-	-	-	-
DTS 2.0+ DIGITAL OUT	-	-	-	-	-	-	-
DTS HD	•	•	•	•	•	•	•
DTS VIRTUAL:X	-	-	-	-	-	-	-
DTS:X	-	-	-	-	-	-	-
SURROUND SOUND	-	-	-	-	-	-	-
AUDIO OUTPUT POWER (RMS)	2x10W	2x10W	2x10W	2x10W	2x10W	2x12W	2x12W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	-	-	-	-	-	-
CONNECTORS							
GER(D) + NICAM STEREO	•	•	•	•	•	•	•
EQUALIZER (5 BAND)	5 band	5 band	5 band	5 band	5 band	5 band	5 band
BASS / TREBLE	-	-	-	-	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•	•	•	•	•
DDCO	-	-	-	-	-	-	-
MS10 (DOLBY)	-	-	-	-	-	-	-
MS11 (DOLBY)	-	-	-	-	-	-	-
MS12 (DOLBY)	•	•	•	•	•	•	•
DOLBY AUDIO PROCESSING (DAP)	•	•	•	•	•	•	•
DOLBY ATMOS	-	-	-	-	-	-	-
DOLBY AC4	•	•	•	•	•	•	•
DTS TRUSURROUND	-	-	-	-	-	-	-
DTS 2.0+ DIGITAL OUT	-	-	-	-	-	-	-
DTS HD	•	•	•	•	•	•	•
DTS VIRTUAL:X	-	-	-	-	-	-	-
DTS:X	-	-	-	-	-	-	-
SURROUND SOUND	-	-	-	-	-	-	-
AUDIO OUTPUT POWER (RMS)	2x10W	2x10W	2x10W	2x10W	2x10W	2x12W	2x12W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	-	-	-	-	-	-
CONNECTORS							
RF: TV/CATV 75 OHMS COAXIAL	•	•	•	•	•	•	•

MB170 S108	40”	43”	49”	50”	55”	65”	75”
SCART (EUROCONNECTOR)	-	-	-	-	-	-	-
SVHS VIA SCART	-	-	-	-	-	-	-
RGB VIA SCART2	-	-	-	-	-	-	-
COMPOSITE VIDEO/AUDIO IN	•	•	•	•	•	•	•
COMPOSITE VIDEO OUT	-	-	-	-	-	-	-
AUDIO LINE OUT	-	-	-	-	-	-	-
AUDIO LINE OUT VIA HEADPHONE	•	•	•	•	•	•	•
S-VHS IN (S-VIDEO 4-PIN DIN)	-	-	-	-	-	-	-
YPBPR (COMPONENT) IN	-	-	-	-	-	-	-
YPBPR IN VIA VGA	•	•	•	•	•	•	•
VGA (PC IN: D-SUB15)	•	•	•	•	•	•	•
PC AUDIO IN	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV
HDMI 1 (Side)	•	•	•	•	•	•	•
HDMI 2 (ARC) (Back)	•	•	•	•	•	•	•
HDMI 3 (Back)	•	•	•	•	•	•	•
HDMI 4 (Back)	•	•	•	•	•	•	•
HDCP (1.2/ 2.0 / 2.2)	2.2	2.2	2.2	2.2	2.2	2.2	2.2
DIGITAL AUDIO OUTPUT (COAXIAL)	-	-	-	-	-	-	-
DIGITAL AUDIO OUTPUT (OPTIC)	•	•	•	•	•	•	•
HEADPHONE OUT (MAIN VOLUME CONTROL)	•	•	•	•	•	•	•
HEADPHONE OUT (HEADPHONE VOL. CONTROL SUPPORT DUAL CHANNELS)	-	-	-	-	-	-	-
SUBWOOFER LINE OUT (PASSIVE)	-	-	-	-	-	-	-
INTERNAL SUBWOOFER	-	-	-	-	-	-	-
USB1 (2.0) (Side)	•	•	•	•	•	•	•
USB2 (2.0) (Side)	•	•	•	•	•	•	•
USB3 (2.0)	-	-	-	-	-	-	-
USB4 (2.0)	-	-	-	-	-	-	-
LAN-ETHERNET (IEEE 802.3) RJ45 (FOR RETURN CHANNEL-UK MARKET)	•	•	•	•	•	•	•
SMART PORT-INTERACTIVE READY HOTEL TV APP.RJ12	-	-	-	-	-	-	-
RS232 (IN/OUT)	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA
DIGITAL SW UPDATE	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA
PICTURE							
ZOOM MODES (ASPECT RATIO)		•	•	•	•	•	
COMB FILTER (2D / 3D)		3D	3D	3D	3D	3D	
CTI/LTI		•	•	•	•	•	
DIGITAL NOISE REDUCTION		•	•	•	•	•	
DYNAMIC CONTRAST		•	•	•	•	•	
PROGRESSIVE SCAN		•	•	•	•	•	
HDR (HDR10, HLG)		•	•	•	•	•	
DOLBY VISION HDR		•	•	•	•	•	
BLUE STRETCH		•	•	•	•	•	
MICRO DIMMING		•	•	•	•	•	
SUPER RESOLUTION		•	•	•	•	•	
CONNECTIVITY FEATURES							
ZOOM MODES (ASPECT RATIO)	•	•	•	•	•	•	•
COMB FILTER (2D / 3D)	3D	3D	3D	3D	3D	3D	3D
CTI/LTI	•	•	•	•	•	•	•
DIGITAL NOISE REDUCTION	•	•	•	•	•	•	•
PSEUDO(SOFT) PIXELLENCE	-	-	-	-	-	-	-
DYNAMIC CONTRAST	•	•	•	•	•	•	•
PROGRESSIVE SCAN	•	•	•	•	•	•	•
ME/MC (MOTION ESTIMATION – MOTION COMPENSATION)	-	-	-	-	-	-	-
PICTURE WIZARD	-	-	-	-	-	-	-
HDR (HDR10, HLG)	•	•	•	•	•	•	•
DOLBY VISION HDR	•	•	•	•	•	•	•
HDR10+	-	-	-	-	-	-	-
BLUE STRETCH	•	•	•	•	•	•	•
MICRO DIMMING	•	•	•	•	•	•	•
DE-CONTOUR	-	-	-	-	-	-	-
GAMUT MAPPING	-	-	-	-	-	-	-
SDR TO HDR	-	-	-	-	-	-	-
SUPER RESOLUTION	•	•	•	•	•	•	•
FILM MAKER MODE	-	-	-	-	-	-	-
DOLBY VISION IQ	-	-	-	-	-	-	-
AI	-	-	-	-	-	-	-
ADDITIONAL FEATURES							
NTSC PLAYBACK	Via Back AV	Via Back AV	Via Back AV	Via Back AV	Via Back AV	Via Back AV	Via Back AV

MB170 S108	40”	43”	49”	50”	55”	65”	75”
SLEEP TIMER	•	•	•	•	•	•	•
HOTEL MODE (PASSIVE)	-	-	-	-	-	-	-
CHILD LOCK	•	•	-	-	-	-	-
NO IDENT TIMER	•	•	•	•	•	•	•
TOUCH KEY PAD	-	-	-	-	-	-	-
ONBOARD TACT SWITCH	-	-	-	-	-	-	-
USB CLONING	-	-	-	-	-	-	-
TOUCH SENSE	-	-	-	-	-	-	-
3 WAY SWITCH	o	o	o	o	o	o	o
AIR MOUSE	-	-	-	-	-	-	-
FEATURE OSD	-	-	-	-	-	-	-
ANIMATED FEATURE OSD	o	o	o	o	o	o	o
E-IB	-	-	-	-	-	-	-
STR (SUSPEND TO RAM = INSTANT ON)	•	•	•	•	•	•	•
DIGITAL (DVB)							
PROGRAM STORAGE CAPACITY (DIGITAL T/T2/C)	1000	1000	1000	1000	1000	1000	1000
PROGRAM STORAGE CAPACITY (DIGITAL S/S2)	10000	10000	10000	10000	10000	10000	10000
MENU LANGUAGES	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Gaelic, Macedonian, Kazakh, Thai, Belarussian						
DIGITAL TELETEXT MHEG/MHP	MHEG 5 1.06						
EPG (ELECTRONIC PROGRAM GUIDE)	•	•	•	•	•	•	•
EPG NOW AND NEXT	-	-	-	-	-	-	-
EPG TIMELINE SCHEDULE	•	•	•	•	•	•	•
COMMON INTERFACE (PCMCIA SLOT FOR PAY CHANNELS)	•	•	•	•	•	•	•
SMART CARD	-	-	-	-	-	-	-
EMBEDDED SYSTEMS (CONAX, IRDETO ..ETC)	-	-	-	-	-	-	-
LCN INSTALLATION (CHECK FOR COUNTRY)	•	•	•	•	•	•	•
COMMUNICATION							
CEC (CONNECTED EQUIPMENT FEATURES VIA HDMI)	•	•	•	•	•	•	•
eARC (W/ HDMI 2.1)	-	-	-	-	-	-	-
ALLM (AUTO LOW LATENCY MODE W/ HDMI 2.1)	-	-	-	-	-	-	-
VRR (Variable Refresh Rate)	-	-	-	-	-	-	-
QMS (Quick Media Switching)	-	-	-	-	-	-	-
OPERATION							
ROCKER SWITCH	o	o	o	o	o	o	o
POWER SUPPLY	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
STAND-BY POWER	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
AC/DC TV (MOBIL TV)	-	-	-	-	-	-	-
SUPPLIED EXTRAS (RELATED TO CABINET AND CONCEPT)							
WALL HANGING KIT	o	o	o	o	o	o	o
CERTIFICATES							
WEEE COMPLIANT	•	•	•	•	•	•	•
ROHS COMPLIANT	•	•	•	•	•	•	•

• Default
o Optional
- •/A

Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)
No MobileTV (12Vdc Input) option for UK (United Kingdom)

Specifications are subject to change without prior notice.

MB185 S122	43"	50"	55"	65"	70"	75"
MAIN FEATURES						
FULL HD	-	-	-	-	-	-
ULTRA HD	•	•	•	•	•	•
100HZ (FLICKER FREE)	-	-	-	-	-	-
LED DIRECT BACK LIGHT (DLED)	o	o	o	o	o	o
LED EDGE BACK LIGHT (ELED)	o	o	o	o	o	o
LED DIRECT BACK LIGHT (DLED) CURVED TYPE	-	-	-	-	-	-
OLED	-	-	-	-	-	-
MPEG4	•	•	•	•	•	•
HEVC (H.265)	•	•	•	•	•	•
ISDB-TB	-	-	-	-	-	-
TV-DVD PLAYER COMBI	-	-	-	-	-	-
3DTV	-	-	-	-	-	-
3DTV TYPE	-	-	-	-	-	-
2D - 3D CONVERSION	-	-	-	-	-	-
MEDIA PLAYER	•	•	•	•	•	•
PVR READY (USB RECORD)	o	o	o	o	o	o
HDMI (1.1/1.2/1.3/1.4/2.0/2.1)	2.1	2.1	2.1	2.1	2.1	2.1
SCREEN FORMAT						
VISIBLE SCREEN SIZE	109	127	140	164	177	190
SCREEN FORMAT	16:9	16:9	16:9	16:9	16:9	16:9
RECEPTION & TUNING SYSTEMS						
TUNER VHF/UHF/CABLE	•	•	•	•	•	•
APS / ATS (AUTO SEARCH)	•	•	•	•	•	•
PROGRAM STORAGE CAPACITY (ANALOG)	200	200	200	200	200	200
PAL SECAM B/G D/K I/I' (TRI STANDART)	•	•	•	•	•	•
NTSC	-	-	-	-	-	-
DUAL TUNER	-	-	-	-	-	-
UNICABLE	o	o	o	o	o	o
DISEQC	o	o	o	o	o	o
SOUND						
GER(D) + NICAM STEREO	•	•	•	•	•	•
EQUALIZER (5 BAND)	5 band	5 band	5 band	5 band	5 band	5 band
BASS / TREBLE	-	-	-	-	-	-
DOLBY DIGITAL PLUS (DD+) (E-AC3)	•	•	•	•	•	•
DDCO	-	-	-	-	-	-
MS10 (DOLBY)	-	-	-	-	-	-
MS11 (DOLBY)	-	-	-	-	-	-
MS12 (DOLBY)	•	•	•	•	•	•
DOLBY AUDIO PROCESSING (DAP)	•	•	•	•	•	•
DOLBY ATMOS	•	•	•	•	•	•
DOLBY AC4	•	•	•	•	•	•
DTS TRUSURROUND	-	-	-	-	-	-
DTS 2.0+ DIGITAL OUT	-	-	-	-	-	-
DTS HD	o	o	o	o	o	o
DTS VIRTUAL:X	o	o	o	o	o	o
DTS:X	o	o	o	o	o	o
SURROUND SOUND	-	-	-	-	-	-
AUDIO OUTPUT POWER (RMS)	2x10W	2x10W	2x10W	2x12W	2x12W	2x12W
SUBWOOFER AUDIO OUTPUT MAX POWER (RMS)	-	12W	12W	12W	12W	12W
CONNECTORS						
RF: TV/CATV 75 OHMS COAXIAL	•	•	•	•	•	•
SCART (EUROCONNECTOR)	-	-	-	-	-	-
SVHS VIA SCART	-	-	-	-	-	-
RGB VIA SCART2	-	-	-	-	-	-
COMPOSITE VIDEO/AUDIO IN	-	-	-	-	-	-
COMPOSITE VIDEO OUT	-	-	-	-	-	-
AUDIO LINE OUT	-	-	-	-	-	-
AUDIO LINE OUT VIA HEADPHONE	•	•	•	•	•	•
S-VHS IN (S-VIDEO 4-PIN DIN)	-	-	-	-	-	-
YPBPR (COMPONENT) IN	-	-	-	-	-	-
YPBPR IN VIA VGA	-	-	-	-	-	-
VGA (PC IN: D-SUB15)	-	-	-	-	-	-
PC AUDIO IN	-	-	-	-	-	-
HDMI 1 (Side)	•	•	•	•	•	•
HDMI 2 (ARC) (Side)	•	•	•	•	•	•
HDMI 3 (Back)	•	•	•	•	•	•
HDMI 4 (Back)	-	-	-	-	-	-
HDCP (1.2/ 2.0 / 2.2)	2.2	2.2	2.2	2.2	2.2	2.2
DIGITAL AUDIO OUTPUT (COAXIAL)	-	-	-	-	-	-
DIGITAL AUDIO OUTPUT (OPTIC)	•	•	•	•	•	•

MB185 S122	43"	50"	55"	65"	70"	75"
HEADPHONE OUT (MAIN VOLUME CONTROL)	•	•	•	•	•	•
HEADPHONE OUT (HEADPHONE VOL. CONTROL SUPPORT DUAL CHANNELS)	-	-	-	-	-	-
SUBWOOFER LINE OUT (PASSIVE)	-	-	-	-	-	-
INTERNAL SUBWOOFER	-	o	o	o	o	o
USB1 (2.0) (Side)	•	•	•	•	•	•
USB2 (2.0) (Side)	•	•	•	•	•	•
USB3 (2.0)	-	-	-	-	-	-
USB4 (2.0)	-	-	-	-	-	-
LAN-ETHERNET (IEEE 802.3) RJ45 (FOR RETURN CHANNEL-UK MARKET)	•	•	•	•	•	•
SMART PORT-INTERACTIVE READY HOTEL TV APP.RJ12	-	-	-	-	-	-
RS232 (IN/OUT)	-	-	-	-	-	-
DIGITAL SW UPDATE	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA	USB / GOTA
PICTURE						
ZOOM MODES (ASPECT RATIO)	•	•	•	•	•	•
COMB FILTER (2D / 3D)	3D	3D	3D	3D	3D	3D
CTI/LTI	•	•	•	•	•	•
DIGITAL NOISE REDUCTION	•	•	•	•	•	•
PSEUDO(SOFT) PIXELLENCE	-	-	-	-	-	-
DYNAMIC CONTRAST	•	•	•	•	•	•
PROGRESSIVE SCAN	•	•	•	•	•	•
ME/MC (MOTION ESTIMATION – MOTION COMPENSATION)	o	o	o	o	o	o
PICTURE WIZARD	-	-	-	-	-	-
HDR (HDR10, HLG)	•	•	•	•	•	•
DOLBY VISION HDR	•	•	•	•	•	•
HDR10+	-	-	-	-	-	-
BLUE STRETCH	•	•	•	•	•	•
MICRO DIMMING	•	•	•	•	•	•
DE-CONTOUR	•	•	•	•	•	•
GAMUT MAPPING	•	•	•	•	•	•
SDR TO HDR (Max Vivid menu item)	•	•	•	•	•	•
SUPER RESOLUTION	•	•	•	•	•	•
FILM MAKER MODE	-	-	-	-	-	-
DOLBY VISION IQ	-	-	-	-	-	-
AI	-	-	-	-	-	-
CONNECTIVITY FEATURES						
HBBTV (2.0.2)	•	•	•	•	•	•
FREEVIEW PLAY	o	o	o	o	o	o
WIFI (VIA USB DONGLE)	-	-	-	-	-	-
HTML5 SUPPORT (BY YOUTUBE LB4 2014)	•	•	•	•	•	•
4K SUPPORT (BY YOUTUBE VP9 2015)	•	•	•	•	•	•
DLNA 1.5	-	-	-	-	-	-
MHL VIA HDMI (MOBILE HD LINK)	-	-	-	-	-	-
BLUETOOTH	•	•	•	•	•	•
HOTEL TV	-	-	-	-	-	-
DIGITAL SIGNAGE	-	-	-	-	-	-
PORTAL SUPPORT	-	-	-	-	-	-
WIFI (INTERNAL)	•	•	•	•	•	•
OPEN INTERNET	-	-	-	-	-	-
BBC IPLAYER, NEWS, SPORTS, CRB	o	o	o	o	o	o
NETFLIX	•	•	•	•	•	•
NETFLIX 4K	•	•	•	•	•	•
AMAZON PRIME VIDEO	•	•	•	•	•	•
AMAZON ALEXA READY (WORKS WITH ALEXA)	-	-	-	-	-	-
AMAZON ALEXA WITH FAR-FIELD MICROPHONE BOX	-	-	-	-	-	-
AMAZON DASH (DASH REPLENISHMENT SYSTEM)	-	-	-	-	-	-
SKY NOW TV	-	-	-	-	-	-
DISNEY+	-	-	-	-	-	-
MIRACAST	-	-	-	-	-	-
GOOGLECAST	•	•	•	•	•	•
INTEL WI-DI	-	-	-	-	-	-
WAKE UP ON LAN (WOLAN / WOWLAN)	•	•	•	•	•	•
Embedded Camera	-	-	-	-	-	-
WiFi 6	-	-	-	-	-	-
ADDITIONAL FEATURES						
NTSC PLAYBACK	-	-	-	-	-	-
SLEEP TIMER	•	•	•	•	•	•
HOTEL MODE (PASSIVE)	-	-	-	-	-	-
CHILD LOCK	-	-	-	-	-	-

MB185 S122	43"	50"	55"	65"	70"	75"
NO IDENT TIMER	•	•	•	•	•	•
TOUCH KEY PAD	-	-	-	-	-	-
ONBOARD TACT SWITCH	-	-	-	-	-	-
USB CLONING	-	-	-	-	-	-
TOUCH SENSE	-	-	-	-	-	-
3 WAY SWITCH	-	-	-	-	-	-
AIR MOUSE	-	-	-	-	-	-
FEATURE OSD	-	-	-	-	-	-
ANIMATED FEATURE OSD	o	o	o	o	o	o
E-IB	•	•	•	•	•	•
STR (SUSPEND TO RAM = INSTANT ON)	•	•	•	•	•	•
DIGITAL (DVB)						
PROGRAM STORAGE CAPACITY (DIGITAL T/T2/C)	800	800	800	800	800	800
PROGRAM STORAGE CAPACITY (DIGITAL S/S2)	10000	10000	10000	10000	10000	10000
MENU LANGUAGES	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Gaelic, Macedonian, Kazakh, Thai, Belarussian					
DIGITAL TELETEXT MHEG/MHP (ONLY FOR UK ID TV)	-	-	-	-	-	-
EPG (ELECTRONIC PROGRAM GUIDE)	•	•	•	•	•	•
EPG NOW AND NEXT	-	-	-	-	-	-
EPG TIMELINE SCHEDULE	•	•	•	•	•	•
COMMON INTERFACE (PCMCIA SLOT FOR PAY CHANNELS)	•	•	•	•	•	•
SMART CARD	-	-	-	-	-	-
EMBEDDED SYSTEMS (CONAX, IRDETO ..ETC)	-	-	-	-	-	-
LCN INSTALLATION (CHECK FOR COUNTRY)	•	•	•	•	•	•
COMMUNICATION						
CEC (CONNECTED EQUIPMENT FEATURES VIA HDMI)	•	•	•	•	•	•
eARC (W/ HDMI 2.1)	•	•	•	•	•	•
ALLM (AUTO LOW LATENCY MODE W/ HDMI 2.1)	•	•	•	•	•	•
VRR (Variable Refresh Rate)	-	-	-	-	-	-
QMS (Quick Media Switching)	-	-	-	-	-	-
OPERATION						
ROCKER SWITCH	o	o	o	o	o	o
POWER SUPPLY	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
STAND-BY POWER	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
AC/DC TV (MOBIL TV)	-	-	-	-	-	-
SUPPLIED EXTRAS (RELATED TO CABINET AND CONCEPT)						
WALL HANGING KIT	o	o	o	o	o	o
CERTIFICATES						
WEEE COMPLIANT	•	•	•	•	•	•
ROHS COMPLIANT	•	•	•	•	•	•

• Default
o Optional
- •/A

Ethernet (LAN) & Mobil TV (12Vdc Input) combination is not supported
DVB-T2 w/ Ethernet (MHEG Return Channel) combination given by default for UK (United Kingdom)
No MobileTV (12Vdc Input) option for UK (United Kingdom)

Specifications are subject to change without prior notice.

Notes

Notes

Notes

Vestel Trade Co.
Organize Sanayi Bölgesi, 45030 Manisa/Türkiye
Phone: 90 - 236 233 25 82
Fax: 90 - 236 233 25 84
vesteltrade@vestel.com.tr
www.vestelinternational.com

Vestel Germany GmbH
Parkring 6 D-85748 Garching bei München/Germany
Phone: 49 - 89 55295 - 0
Fax: 49 - 89 55295 - 2000
info@vestel-germany.de
www.vestel-germany.de

Vestel UK Ltd
Vestel House, Waterside Drive Langley, Berkshire SL3 6EZ
Phone: 44 - 3330 146 400
info@vestel-uk.com
www.vestel.co.uk

Vestel France SASU
17 Rue de la Couture - Parc Icade BP 10190 - 94563 RUNGIS Cedex, France
Phone: 33 – 146 75 00 29
Fax: 33 – 141 80 99 31
www.vestel-france.fr

Vestel Holland B.V.
Groothandelsgebouw Stationsplein 45 Unit A2.191, 3013 AK Rotterdam, The Netherlands
Phone: 31 - 10 235 1005
info@vestelbenelux.nl
www.vestelbenelux.nl

Vestel Iberia, S.L.
Paseo Doce Estrellas, 2, 3o. 28042. Madrid, Spain
Phone: 34 - 91 320 63 98
Fax: 34 - 91 320 52 58
vestel@vestel.es
www.vestel.es

Vestel CIS Ltd.
2 Gorbunova st., Bld. No 3, office A305 Moscow, 121569, Russia
Phone: 7 - 495 956 8230
Fax: 7 - 095 956 8233
info@vestel.ru
www.vestel.ru

Vestel Electronics Gulf DMC
Unit No: ALMAS-06-C, 6th floor, ALMAS Tower, Plot No: JLT-PH1-A0 Jumeirah Lakes Towers, Dubai, UAE
info@vestel-gulf.ae
www.vestel-gulf.ae

Vestel Central Asia
Kazakhstan/Almaty Baizakova 125, NP-1, office: 504.
Phone: 7 - 727 263 39 39
info@vestel.kz

Vestel Poland
Salsy 2 str., 02-823 Warsaw, Poland
Phone: 48 - 22 272 73 00
info@vestel-poland.com
www.vestel-poland.com

Vestel Electronica
Bucharest, 1st District, 2-4 Murmurului Entrance, 014114 Bucharest, Romania
Phone: 40 - 31 425 42 91
Fax: 40 - 31 425 42 95
office@vestel.ro
www.vestel.ro

Vestel China
Vestel Electronics (Shanghai) Trading Co., Ltd.
Shenzhen Branch
Room 2606, Time Square Excellence. No 4068 Yi Tian Rd, Fu Tian District. Shenzhen City, Guangdong, China. 518048
Phone: 86 -755-2266 6726

Vestel Vietnam
Floor 46, Bitexco Financial Tower , 02 Hai Trieu, Ben Nghe Ward, District 1 , Ho Chi Minh City, Vietnam
Phone: 84 - 28 6287 5904

Vestel USA INC.
390 Fifth Avenue, Suite 805 New York, NY, 10018
Phone: 1 - 212 689 4622
Fax: 212 689 4380

VESTEL

Organize Sanayi Bolgesi, 45030
Manisa/Turkey

Phone: 90 - 236 233 25 82
Fax: 90 - 236 233 25 84

vesteltrade@vestel.com.tr
www.vestelinternational.com

FOLLOW US ON SOCIAL MEDIA

/vestelinternational