Experience first-class television.

2018 / 2019

Metz

Technology with vision.
Made in Germany.

With a Metz television you'll always be up to date. That's because we are already thinking about the future today: our first-class televisions offer the most advanced technology to optimally equip you for the future – especially when it comes to the integration of television and the Internet. To guarantee our exceptional quality and continuously introduce new innovations, we develop and manufacture televisions in Germany.

Adding value to be fit for the future. Metz – always first class.

Technical perfection

Breathtakingly clear pictures, brilliant immersive sound: Metz televisions stand for technical perfection. To achieve this we use technologies that are both state-of-the-art and reliable. To ensure we live up to our high technical standards at all times, we develop and manufacture televisions in Germany.

User-friendliness

As simple as possible: thanks to the innovative Tri-Star operating system, Metz televisions can be operated with ease via the remote control. Menu navigation is self-explanatory and the range of functions can be extended or reduced, as the user wishes. Using a Home button, all functions can even be reached from one central point.

Ready for the future

Metz offers products with a future. As television and the Internet increasingly merge, our customers will find themselves perfectly prepared. In future, viewers will want to watch television without time constraints – something modern Metz TVs already offer today. From media streaming with the Metz Media System to HbbTV* or recording with the integrated hard disk recorder: with Metz, it's the customer who designs the TV schedule.

First-class service

Metz televisions are available exclusively from authorised dealers, and there is a good reason for this: we want our customers to benefit from expert advice and top-quality service. After all, all you should have to do with your television is enjoy it.

Exceptional quality

Metz – Made in Germany:
For decades, this seal of quality has stood for first-class televisions that combine cutting-edge technology with exceptional quality. Metz is the perfect choice for discerning customers looking for an exceptional viewing experience. And we are dedicated to making sure it stays that way.

Made in **Germany**

Simply superior television.

16
Metz Topas

28
Metz Fineo

Contents

26 Be your own director
Your Metz television makes you independent of the television schedule.

With a Metz.

52

Metz Cosmo

42

Metz Micos

With Metz, perfect sound sounds perfect.

Television is more than just visual. Only when picture and sound harmonise perfectly does television become a unique experience. That's why when it comes to its televisions, Metz places the highest emphasis on excellent sound quality. Signal technology developed in-house and high-performance sound systems ensure a listening experience that does justice even to a recording of a classical concert. The sound of a Metz television is unique and will transport you to a new audio dimension.

MetzSound
A first-class picture calls for first-class sound.

MetzSound PLUS 🔊   **MetzSound PRO** 🔊

Crystal clear and powerful: the Metz sound.

Metz TVs bring together that which belongs together: only a harmonious symbiosis can make picture and sound a unique total experience. This is why Metz TVs use sophisticated sound technology to bring their brilliant pictures to life – and do so without additional loudspeakers or soundbars.
Ingenious features such as the "speech intelligibility" option offer users individual setup possibilities. Intelligent control combined with excellent loudspeakers provide the best sound – particularly when it comes to the spoken word, which often struggles to be heard over the film music, sound effects and ambient noise.

The Metz Topas's 43" and 49" (see figure) speakers are behind a removable textile cover.

MetzSoundPlus – first-class sound quality.

The new digital signal technology MetzSoundPlus optimises the audio signal for an ultra-clear and nuance-rich, full sound developed by Metz. High-performance speakers deliver superb sound. Thanks to the parametric equaliser, the speakers can be optimally aligned to the internal amplifier – ensuring brilliant treble and bass reproduction.

MetzSoundPro – for a unique sound experience.

With MetzSoundPro, Metz opens up a new dimension in sound quality. The high-performance integrated sound system, with its 4 speakers and up to 6 audio output stages per device, delivers impressively rich and clean sound.

The result:
a unique audio experience that will fully delight even the more demanding listener. In some devices, sophisticated speaker concepts are employed over and above the high-quality 2-way system. Sealing the speakers significantly enhances bass reproduction.

What's more, MetzSoundPro also provides exceptionally authentic playback. Even at high volumes, delicate nuances can be heard clearly and naturally. Such exceptional sound quality is also achieved by Metz-developed sound processing technology, which controls the sound to perfection, ensuring that treble and bass are equally flawless. With the MetzSurround setting, film fans can even enjoy sound effects that fill the room without additional speakers. MetzSoundPro takes television into the realms of premium enjoyment: a treat for the ears.

Display technology OLED

The best television experience you'll ever have: OLED

OLED

OLED screen technology delivers unprecedented image quality: 33 million sub-pixels, each of which can be individually controlled, are used in our sophisticated and reliable Metz OLED screens. To display real black, dark image areas can be turned off with pixel-precise accuracy. This enables previously unachievable levels of black, which also means particularly high-contrast images with lifelike colours. The 10-bit colour depth with up to four times finer gradation ensures smooth transitions and bright and natural colour rendering – from every angle and with evenly balanced illumination. The self-illuminating pixels enable an ultra-fast reaction time: the screen reacts more quickly and more fluidly than ever before. Breathtakingly sharp thanks to UHD resolution (3840 x 2160 pixels), with HDR (High Dynamic Range) and 10-bit colour depth.
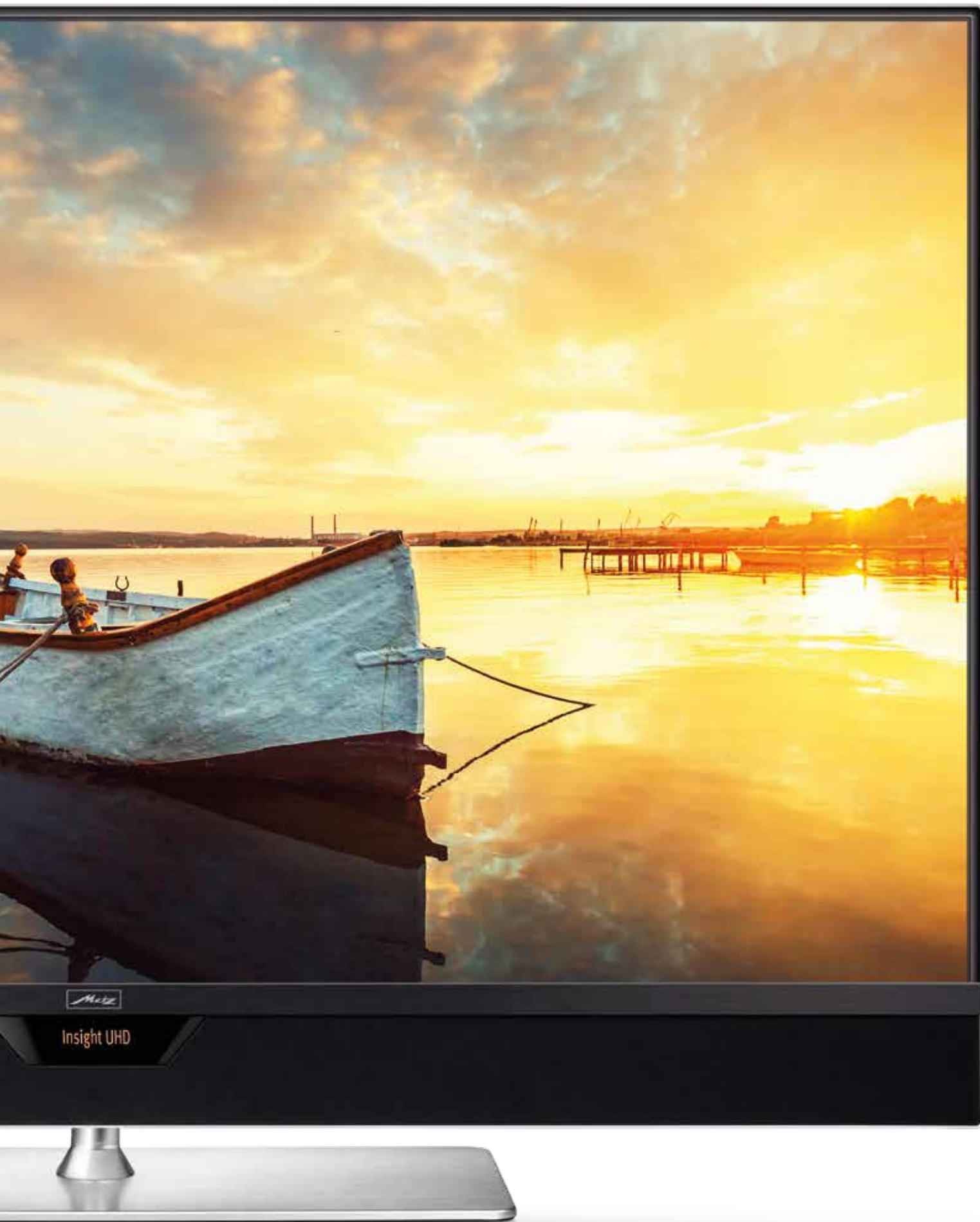
Insight UHD

Insight UHD

Metz – always first class.

Picture resolution

UHD or Full HD – find the right picture technology for you.

UHD ◇

UHD – A picture sharper than reality itself.

With a resolution of 3840 x 2160 pixels, Ultra High Definition means unique picture sharpness: UHD screens offer four times the resolution of standard Full HD. UHD has four pixels to Full HD's one. This total of around 8 million pixels thus provides a considerably more detailed, sharper picture. Even very large sized televisions can be viewed from close distances without a loss of quality – depending upon the image source. Ready for the future: UHD reception via DVB-S2 (satellite) is already integrated thanks to state-of-the-art chip sets. UHD video content can also be played via USB and network connections. For those who want the future of television in their living room today.

Full **HD**

Full HD – High-definition and detailed television.

The Full HD standard is still the ultimate choice for smaller screen sizes and normal viewing distances. Most high-definition television broadcasts are today aired in HD (720p) or Full HD (1080p) and are thus ideal for a Full HD resolution of 1920x1080 with approx. 2 million pixels. Our high-quality Full HD models meet the high standards of today and tomorrow when it comes to picture quality, and are also capable of receiving UHD signals via DVB-S2 (satellite).

Metz Topas
A virtuoso of technical perfection.

Best of HiFi Test **Highlight**
HiFi Test TV·HIFI
Metz Topas 43 TX95 UHD twin R   6/2017
UHD-TV (LED)   Note
sehr gut   **1,1**

Metz Topas 43 TX95 UHD twin R
HEIMKINO **1,1**
Testurteil:
überragend
Spitzenklasse   10/11-2017

Topas
16:9 TV

Better TV details with HDR.

When good is not good enough: the Metz Topas offers TV pleasure to meet the highest of demands. Whether one of our OLED versions in 65 or 55 inches or a more compact 49 or 43-inch model with state of the art LED technology: extremely high UHD resolution will bring outstanding sharpness and detail into your living room. HDR with 10-bit colour depth provides brilliant colours and impressive contrast. UHD content can be played back using USB and network connections, and the twin multi-tuner can receive UHD content via satellite (DVB-S2). Numerous convenient functions such as the integrated digital recorder with 1 terabyte recording capacity complete this extraordinary television.

– *Brilliant black with brushed aluminium trim*
– *43" to 65" screen size*

The Topas 65" and 55" is also available as a stand-alone solution (see cover picture).

The combination of aluminium trim and stylish metal base gives the front of the Topas a harmonious look.

State of the art OLED technology facilitates a slim construction for puristic, aesthetic ambiences.

An audible difference.

MetzSoundPro technology, developed by Metz, delivers the impressive sound quality to match. The Topas comes equipped with a 2-way active system (49 and 43-inch) or a 3-way partially active system with subwoofer (in the 65 and 55-inch OLED versions, providing an impressive sound experience. Individual control of the independent amplifiers makes for a full, absolutely clear and richly nuanced sound. Despite its slim build, the Topas sound module produces an impressive transmission range thanks to sophisticated interior construction. The mid-high frequency concept offers superbly stable spatiality and makes for excellent intelligibility. The bass speakers provide clean low-frequency reproduction.

Operating is intuitive and convenient with the clearly designed RM19 remote control.

The Topas range at a glance

All the models in the Topas range offer:

Technical perfection

- **2000Hz[1]/1000Hz[2]
  MetzVision picture technology:**
- Brilliant sharp UHD resolution:
  3840 x 2160 pixels
- OLED technology for unrivalled picture
  quality at increased energy efficiency
  thanks to 33 million individually
  controllable subpixels [1]
- LED backlight for optimal energy
  efficiency and brilliant display [2]
- Adaption to picture content and room
  lighting conditions (LUX automatic contrast)
- HDR (High Dynamic Range) and 10-bit
  colour depth
- Perfect sharpness, perfect contrast and DCI
- Dynamic motion compensation (DMC)
  for fluid video playback und optimal film
  recognition for the best vertical
  Resolution (FMD)
- Comprehensive colour management for
  brilliant colours, natural skin tone and
  perfect display of different video sources
  via pre-defined profiles

- **Überzeugender Klang:**
- MetzSoundPro system with rich, spatial
  sound and a highly efficient 3-way,
  partially active system with subwoofer [1]
  or 2-way active system [2]

Exceptional quality

- Metz televisions are built in accordance
  with the highest quality standards

Ready for the future

- **Integrated:**
- Hard disk recorder (PVR) with 1 TB
  storage capacity for approx. 1000 hours
  of digital SDTV or approx. 200 hours of
  HDTV quality and twin recording
- Twin multi−tuner for digital and
  analogue TV via cable and aerial as well
  as digital satellite (2× DVB-C / -T2 /-S2)
- UHDTV/HDTV reception
- USB port for videos, photos and audio [3]
- Integrated network function via
  LAN and WiFi
- Integrated *Bluetooth*® function with
  Qualcomm® aptX™ low latency
- Double CI+ slot for 2 CA modules
  (for pay TV)

- **External expandability:**
- MetzRemote app for operation via
  smartphone or tablet computer
  (iOS and Android)

- **Connection-friendly:**
- USB recording
- Streaming media sticks / streaming
  media adapter, Blu-ray/DVD players/
  recorders, AV receivers, video recorders,
  digital cameras, surround sound
  systems and games consoles
- 4×HDMI interfaces (1 with ARC) with
  HDCP 2.2 (4K 60/50p 4:4:4), 2× USB
  (with 1×USB 3.0), Cinch connectors
  (FBAS/L/R) and EURO-AV socket via
  enclosed adapter, audio output:
  constant / variable, digital audio output
  (optical), headphone socket, PC input
  possible via HDMI adapter

User-friendliness

- Metz media system with Media Player
- Network function (Multiroom, Smart TV
  portal, HbbTV** and internet radio)
- Award-winning Tri-Star operating
  concept – can be set to three levels of
  complexity according to your requirements
- Three freely confiurable function buttons
  for quick access to up to 30 functions
- OLED plain text display for channel
  name or time
- Timeshift function
- Twin recording function for
  convenient recording
- Top teletext functionality with
  convenience functions and 2,000-page
  memory for fast access
- Integrated electronic user guide
- Electronic program guide (EPG)
- CEC function for integrating external HDMI
  devices into the Metz operating system,
  incl. control of major streaming media
  sticks via the Metz TV remote control
- Database of remote control systems for
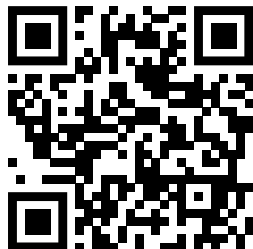 use as universal controls

First-class service

- Enjoy the benefits of expert advice and
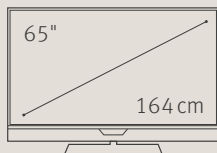 superior service from specialist dealers

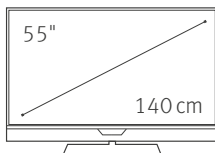[1] only Topas 65 and 55
[2] only Topas 49 and 43
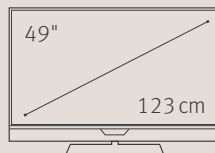[3] depending on application

Metz – always first class.

	Topas 65 TX99 OLED twin R	Topas 55 TX99 OLED twin R	Topas 49 TX95 UHD twin R	Topas 43 TX95 UHD twin R
	65" 164 cm	55" 140 cm	49" 123 cm	43" 108 cm
	OLED	OLED		
Weight:				
with table stand	31,7 kg	25,0 kg	26,2 kg	22,2 kg
without table stand	27,1 kg	20,8 kg	21,8 kg	17,8 kg
Dimensions W × H × D:				
with table stand	144,7×94,3×30,0 cm	122,7×81,8×30,0 cm	109,6×77,2×30,0 cm	96,2×69,3×30,0 cm
without table stand	144,7×89,5×7,7 cm	122,7×77,1×7,4 cm	109,6×72,6×7,3 cm	96,2×64,3×7,3 cm
Energy efficiency category:				
	A	A	A	B
Wall-mounting set:				
Order No.	618990016.A1	618990016.A1	615990023.A1	615990058.A1
Anchoring supports	4	4	4	4
Distance W/H	VESA 30 cm × 30 cm	VESA 30 cm × 20 cm	VESA 30 cm × 20 cm	VESA 20 cm × 20 cm
Accessories included:				
	Rotatable base in brushed aluminium look		Rotatable base in brushed aluminium look	
	Rotation angle: +/– 30°		Rotation angle: +/– 30°	
	Remote control RM 19		Remote control RM 19	
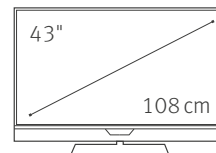
Colour:

Topas 65 & 55: Schwarz / Zierblende gebürstetes Aluminium schwarz / Rahmen & Rückwand gebürstete Platinoptik

Topas 49 & 43: Brilliant black / anodised silver, brushed aluminium surround

Basic configuration:

Topas 65 & 55   Topas 49 & 43

Bluetooth® · Qualcomm® aptX™ low latency

2000 Hz MetzVision	1000 Hz MetzVision	UHD	HDR High Dynamic Range	10 Bit COLOUR DEPTH	MetzSound PRO	2× DVB C/T2/S2	2× CI+
HD PIP	integrated PVR REC	Recording TWIN REC	TIME SHIFT	Recording USB	integrated WiFi	media SYSTEM	DVB-T2 HD

Superior television.
A unique
experience.

A Metz television provides viewing pleasure to meet the highest standards. Whether you're watching a feature film, sports program or documentary: our high-quality televisions are a treat for your eyes and ears thanks to the breathtakingly clear pictures and brilliant immersive sound. Cutting-edge technology with extreme reliability brings a unique cinema experience to your living room. You can enjoy every second of your favourite program in perfect picture and sound quality.

MetzVision

First-class picture quality for the ultimate viewing pleasure.

2000Hz MetzVision	1600Hz MetzVision	1000Hz MetzVision	800Hz MetzVision	400Hz MetzVision	200Hz MetzVision

Decades of experience in developing and producing the highest-quality televisions meets state-of-the-art chip technology. Only the best and fastest processors operate in every TV. Together with our MetzVision image technology, this strong foundation allows for excellent image quality with the highest levels of sharpness, colour and contrast. And, thanks to the highest-quality panel technology, it can be viewed from a tremendously broad range of viewing angles. Excellent image sharpness even during high-motion scenes: MetzVision picture technology optimises image processing for the perfect display of quick movements. A range of technologies, such as dynamic motion compensation (DMC) and dynamic image clarity optimisation, guarantee a sharp and smooth display of motion.

HDR High Dynamic Range | 10 Bit COLOUR DEPTH

HDR – High Dynamic Range and 10Bit colour depth
Experience television down to the last detail:

The new HDR process aims to create an even more brilliant television picture. HDR (high dynamic range) pictures can depict more brightness gradations than the previous standard. This means much more detail is visible in particularly light or dark areas, and the fineness of the gradations between them is significantly optimised. This is called "10-bit colour depth", which defines the number of brightness gradations per colour. Thanks to the greatly improved contrast ratio and finer gradients in colour depth, colour reproduction is visibly enhanced: HDR and 10-bit colour depth ensure exceptionally high contrast and a broad spectrum of colours. Film scenes thus appear extraordinarily natural, and more intense and vibrant images can be produced than ever before. The HDR-ready Metz TV models support the two currently most important HDR standards, HDR10 and HLG.

Timeshift function

Be your own director!

Fetch a drink, answer the phone or watch that last goal one more time. With the timeshift function, you can pause live digital TV at any time, watch the previous scene again or even view TV "in parallel". Metz puts you in the director's chair! With the timeshift function from Metz, you call the shots.

TIME SHIFT ⏸

▶ Play the program

You're the director and you decide in what order to watch your programs – whether it's a soap, a crime drama or live sports. Your Metz makes you independent of the program schedule: once you've stopped or rewound a program, it only continues when you want it to. All it takes is a touch of the button on your remote control, and you're back at the heart of the action.

⏸ Pause the program

You're watching your favourite TV program – and the phone rings. Simply press the pause button. The timeshift function automatically records the current program for you. You can take your time on the phone before picking up where you left off. If you want to finish watching the program later, simply transfer it to the permanent recording memory (hard disk recorder).

◀◀ Rewind the program

Want to laugh one more time at that hilarious film scene or relive that fantastic goal? Just rewind! With your Metz television you can replay any scene as often as you like while the program is still running – without missing anything. After the replay the program resumes exactly where you stopped it before.

integriert
PVR ⏺ REC

Recording
TWIN REC

Recording
USB ⟷

Hard disk recorder

Viewing pleasure independent of the regular schedule. Thanks to the Metz digital recorder you can be your own TV director – and operating it is child's play. You need never miss your favourite shows again and can watch your favourite films as often as you like. The twin recording function, which is unique to the television market, also allows you to record two programs while watching another on a different channel [1]. With the timeshift function, you can pause and resume live TV whenever you feel like and as often as you want.

USB recording

With the USB recording function you can record TV programs onto an external USB storage medium and play them back whenever you like. Programming is done via the integrated electronic program guide (EPG). Devices without an integrated hard disk recorder (PVR) must be activated.
See www.metz-ce.come or ask your specialist dealer.

Metz Fineo

Perfect design for unique
television pleasure.

Fineo
16:9 TV

Sophisticated picture and sound technology.

The new Metz Fineo elevates aesthetic and technological demands. Whether with OLED screen technology in 55-inch or LED display in 49 and 43-inch, the extremely high UHD resolution (3840 x 2160 pixels) with HDR and 10-bit colour depth will make your picture perfect: brilliant, natural colours with impressive contrast included. A slimline soundbar with six high-performance front-facing speakers produce an impressive sound too. MetzSoundPro technology with a sealed 2-way system and bass reflex channel delivers crystal-clear trebles and rich bass frequencies.

– *Black with silver brushed aluminium decorative trim*
– *43" to 55" screen size*

Informative and configurable OLED plain text display.

Aesthetic and solid: the stable, rotatable metal stand is a real eye-catcher.

The ultra-slim surround and back panel in a brushed platinum look make for an elegant appearance.

Sublime operation and design.

Thanks to the intuitive Metz operating concept, complicated menus and ponderous user guidance are things of the past. The combination of black metal surround and rotatable, solid metal stand will be an elegant eye-catcher in your living room. Equipped with numerous connectors, WiFi and a twin multi-tuner that allows for all current reception types, the Metz Fineo is the perfect all-rounder for your home cinema: an integrated 500-GB hard drive will allow you to record up to 100 hours of your favourite programmes in HD quality.

With the MetzRemote app can be controlled conveniently using a smartphone or a tablet.

All the models in the Fineo range offer:

Technical perfection

■ **1600Hz[1] / 800Hz[2] MetzVision picture technology:**
- Brilliant sharp UHD resolution: 3840 x 2160 pixels
- OLED technology for unrivalled picture quality at increased energy efficiency thanks to 33 million individually controllable subpixels [1]
- LED backlight for optimal energy efficiency and brilliant display [2]
- Adaption to picture content and room lighting conditions (LUX automatic contrast)
- HDR (High Dynamic Range) and 10-bit colour depth
- Perfect sharpness, perfect contrast and DCI
- Dynamic motion compensation (DMC) for fluid video playback und optimal film recognition for the best vertical Resolution (FMD)
- Comprehensive colour management for brilliant colours, natural skin tone and perfect display of different video sources via pre-defined profiles

■ **High-quality audio:**
- MetzSoundPro sound system with rich, immersive sound and 2-way bass reflex system with 6 speakers for balanced treble and bass tones

Exceptional quality

- Metz televisions are built in accordance with the highest quality standards

Ready for the future

■ **Integrated:**
- Hard disk recorder (PVR) with 500 GB storage capacity for approx. 500 hours of digital SDTV or approx. 100 hours of HDTV quality and twin recording
- Twin multi–tuner for digital and analogue TV via cable and aerial as well as digital satellite (2× DVB-C / -T2 /-S2)
- UHDTV/HDTV reception
- USB port for videos, photos and audio [3]
- Integrated network function via LAN and WiFi
- Double CI+ slot for 2 CA modules (for pay TV))

■ **External expandability:**
- MetzRemote app for operation via smartphone or tablet computer (iOS and Android)
- *Bluetooth*® retrofittable

■ **Connection-friendly:**
- USB recording
- Streaming media sticks / streaming media adapter, Blu-ray/DVD players/ recorders, AV receivers, video recorders, digital cameras, surround sound systems and games consoles
- 4×HDMI interfaces (1 with ARC) with HDCP 2.2 (4K 60/50p 4:4:4), 2× USB (with 1×USB 3.0), Cinch connectors (FBAS/L/R) and EURO-AV socket via enclosed adapter, audio output: constant / variable, digital audio output (optical), headphone socket, PC input possible via HDMI adapter

User-friendliness

- Metz media system with Media Player
- Network function (Multiroom, Smart TV portal, HbbTV and internet radio)
- Award-winning Tri-Star operating concept – can be set to three levels of complexity according to your requirements
- Three freely confiurable function buttons for quick access to up to 30 functions
- OLED plain text display for channel name or time
- Timeshift function
- Twin recording function for convenient recording
- Top teletext functionality with convenience functions and 2,000-page memory for fast access
- Integrated electronic user guide
- Electronic program guide (EPG)
- CEC function for integrating external HDMI devices into the Metz operating system, incl. control of major streaming media sticks via the Metz TV remote control
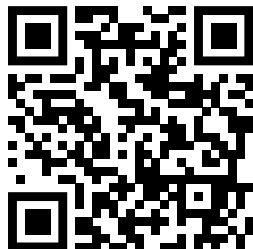
First-class service

- Enjoy the benefits of expert advice and superior service from specialist dealers

[1] only Fineo 55
[2] only Fineo 49 and 43
[3] depending on application

	Fineo 55 TX89 OLED twin R	Fineo 49 TX89 UHD twin R	Fineo 43 TX89 UHD twin R
	55" 140 cm	49" 123 cm	43" 108 cm
	OLED		
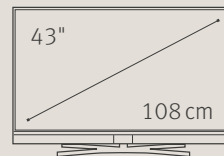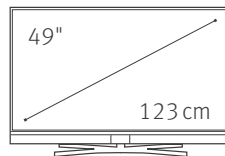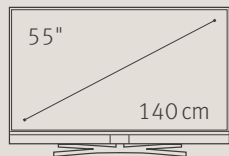
Weight:

with table stand	24,0 kg	23,3 kg	19,1 kg
without table stand	20,2 kg	19,6 kg	15,3 kg

Dimensions W × H × D:

with table stand	122,6×81,6×34,7 cm	109,5×74,2×34,7 cm	96,3×67,1×34,7 cm
without table stand	122,6×77,2×6,5 cm	109,5×69,2×6,9 cm	96,3×61,9×7,0 cm

Energy efficiency category:

	A	A	B

Wall-mounting set:

Order No.	615990090.A2	615990023.A2	615990058.A2
Anchoring supports	4	4	4
Distance W/H	VESA 30 cm × 20 cm	VESA 30 cm × 20 cm	VESA 20 cm × 20 cm

Accessories included:

Rotatable, four-legged metal stand; Rotation angle: +/− 20°

Remote control RM18

Colour:

Fineo 55: Black / brushed aluminium decorative trim / surround & back panel in a brushed platinum look

Fineo 49 & 43: Black / brushed aluminium decorative trim / aluminium surround

Basic configuration:

Fineo 55   Fineo 49 & 43

1600 Hz MetzVision	**800**Hz MetzVision	UHD	HDR High Dynamic Range	**10**Bit COLOUR DEPTH	MetzSound PRO	2× DVB C/T2/S2	2× CI+
HD PIP	integrated PVR REC	Recording TWIN REC	TIME SHIFT	Recording USB	integrated WiFi	media SYSTEM	DVB-T2 HD

Take a carefree look into the future today.

With a Metz television you'll always be up to date. Today's latest technology guarantees entertainment at its best, even in the future – all thanks to the innovative Metz Media System, which makes it possible to access numerous online services and over 50,000 Internet radio stations. With their advanced technology, Metz televisions save valuable energy – as a responsible and environmentally-aware company, Metz is looking to the future.
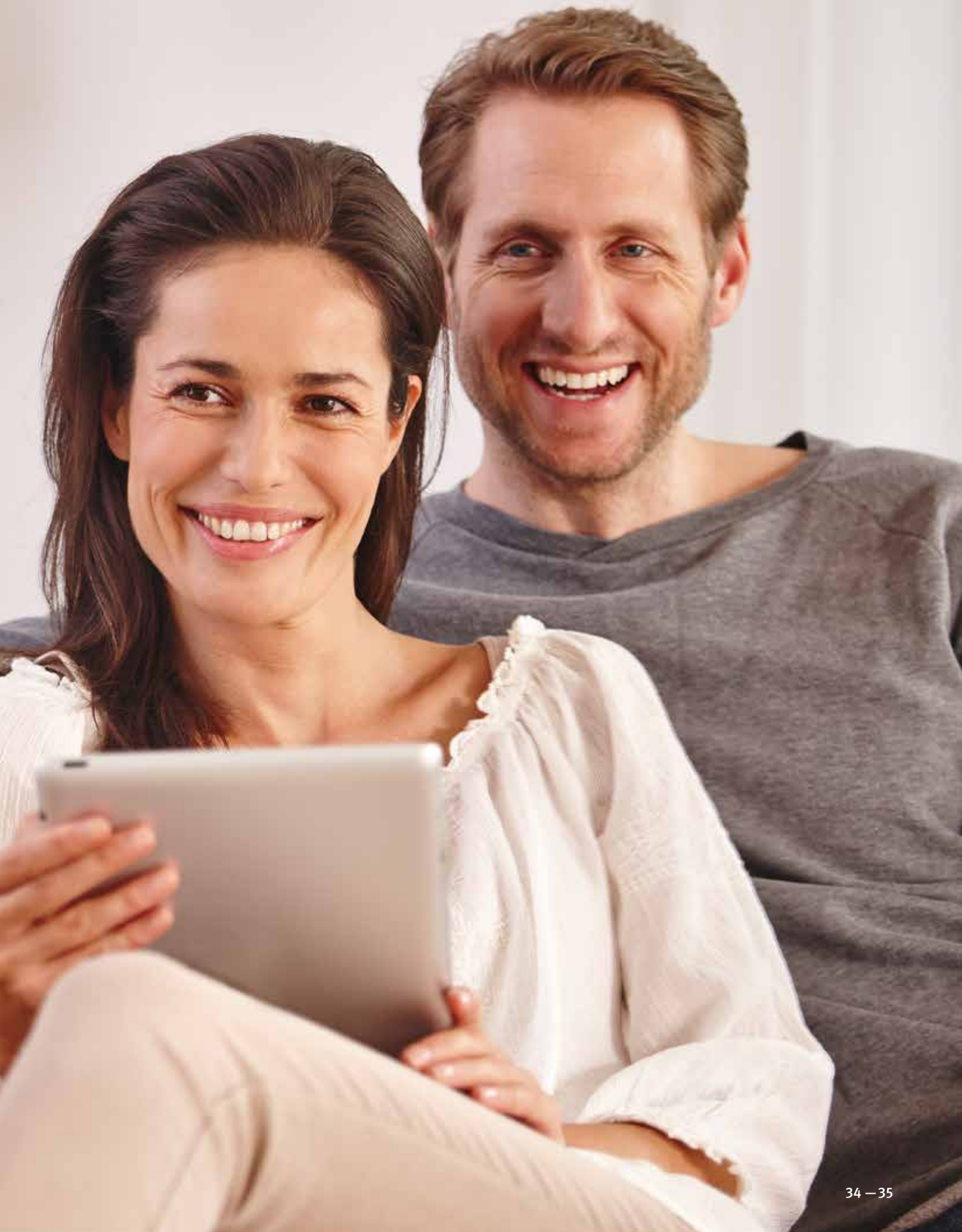
Metz Media System

A centre with an exceptional touch.

media
SYSTEM

Metz turns your television into a multimedia centre. The integrated Metz Media System makes it simple to play videos and music, and display photos through your television. Your Metz TV retrieves the digital data from your PC, network, digital camera, smartphone or tablet PC. Thus allowing you to set up a multimedia network in your home, conveniently controlled using your Metz remote control, or if you prefer, using your tablet PC or smartphone, thanks to the MetzRemote app. Moreover, the

Metz Media System gives you access to Internet radio and to the many online services with the new television standard HbbTV. Whilst watching a TV program, you can retrieve additional information via the internet – or watch programs you've missed using the broadcasters' media libraries and access additional services from TV broadcasters. The digital HbbTV teletext and the electronic program guide (EPG) also open up many new and interesting possibilities.

Media player: Photos

📁 DiskStationMetz/Photo/Favoriten 2011/

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2705_4689 23.12. 00:00 CONVAR162_... 23.12. 00:00 CONVAR280_... 23.12. 00:00 CONVAR374_... 23.12. 00:00 F_2008_

F_2008_05_... 23.12. 00:00 IMG_0224_D... 23.12. 00:00 IMG_0381_D... 23.12. 00:00 IMG_0393_D... 23.12. 00:00 IMG_053

📄 LIST VIEW

The Metz Media Player allows you to quickly and simply access your multimedia content. And all from practically any compatible device on your home network or via USB.

Smarter television viewing. Included in your television.

Videos

From holiday videos to feature films: with the Metz Media System you can stream videos, for example from the hard drive on your notebook, directly to your television.

Photos

An impressive display for your holiday photos: no problem thanks to the convenient slide show function in the Metz Media System. And you can do this from a digital camera, a USB device, your PC or any other device in your network.

Local area network

You can use the Metz Media System to integrate your television in your own home network along with your PC or notebook – and conveniently exchange stored data.

HbbTV

Make use of online services via HbbTV (access via the red star button on the remote control): with the Metz Media System it is possible, for example, to display information on current program schedules – or to retrieve programs from TV media libraries.

Music

Turn your television into a hi-fi system: with the Metz Media System you can listen to digital music files on your TV.

USB

From photos to videos or music: with the Metz Media System you can transfer files directly from a USB memory stick to your television – and run them via the Media Player.

Computer

Connect your television with a PC or notebook: the Metz Media System enables you to transfer photos, films and music from your hard drive to your TV set.

Media Player

Functions: LAN (DLNA), HD and USB playback **Streaming Client:** UPnP-AV/DLNA 1.51 compatible Digital Media Player (DMP) and Digital Media Renderer (DMR)

Media formats

Photo: JPEG (.jpg); PNG (.png) **Container:** MPEG-TS (.ts, .mts, .m2ts); MPEG-PS (.mpg, .mpeg, .vob); MPEG-4 (.mp4, .m4v); Quicktime (.mov); Matroska (.mkv); MP3 (.mp3); 3gp (.3gp); AVI (.avi); ASF (.wmv, .wma, .asf); FLV (.flv, .f4v) **Audio Codecs:** MPEG-1; MPEG-2 Part 3, MP3 (MPEG Audio Layer III); AAC (MPEG-2 Part 7, MPEG-4 Part 3, HE-AAC); AC3 (Dolby Digital); PCM; Windows Media Audio 9; Windows Media Audio 10 **Video Codecs:** H.262 (MPEG-2 Part 2); H.264 (AVC, MPEG-4 Part 10); Xvid (MPEG-4 Part 2); Windows Media Video 9 **Subtitle Codecs:** DVBSUB, DVDSUB, PGSSUB, UTF-8

MetzRemote app

MetzRemote provides all the functions of the convenient Metz remote control in various, easy-to-read display views. The application combines all the benefits of a remote control with the additional advantages of modern iOS and Android smartphones. The app shows all of the television's EPG data, displays the programmed channel list including programme information, allows channels to be sorted and much more. If desired, the MetzRemote app can even be used to control several Metz televisions and turn them on with the Wake On LAN function. The internet timer described below is also directly integrated into the app. MetzRemote is available for free in the Apple iTunes Store and in the Google Play Store.

Internet timer - smart programming

You're out and about and you've forgotten to program your Metz television? No problem, because with the new Metz Remote Timer you can simply use your smartphone to do it – and record your favourite programme at the desired time. Those with a Metz television need only to register once at record.metz.de with their activation code, any login name and a personal password. Rather than manually inputting the activation code, users can simply scan the QR code shown on the screen of their Metz TV. Whether with your smartphone, tablet or laptop, you can program your recordings using practically any internet browser, independent of the operating system.
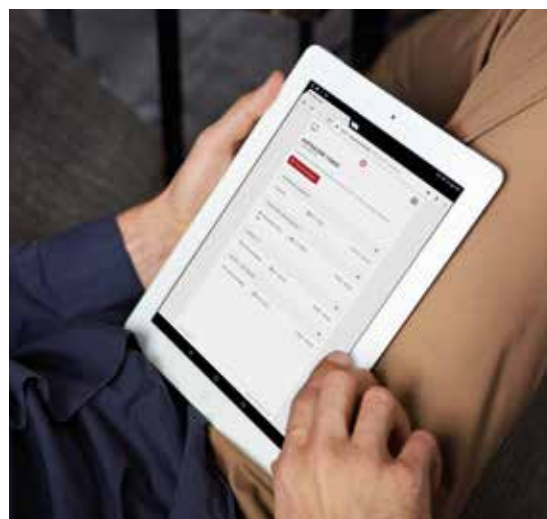
Data protection

For Metz, the privacy protection is more than just a buzzword: in addition to first-class picture and sound quality and intuitive operation, the focus also lies on protecting your private data. In order to meet this requirement, various mechanisms are implemented into Metz televisions that give the user control over data transmission between the television and the internet, without having to compromise on convenient functions in your private home network. For example, Metz televisions offer the possibility of deleting cookies manually or automatically when turning off. Metz has also developed a two-stage process for the HbbTV online service that enables customers to approve data transmission only after manually pressing a button.
Also, thanks to regular software and security updates, we ensure that Metz televisions are safe and protected against "outside" attacks. Our easy-to-understand privacy policy explains all aspects of data protection – by agreeing or declining you determine whether your Metz TV can communicate with the outside world.

Smart TV-Portal

You can access numerous online services using this application gallery. The portal offers plenty of default services such as films, music, games and sport, as well as news, information and broadcaster-specific content such as media libraries. In addition, you can even add your own webpages. Also expandable by means of external streaming media sticks.

© 2018 Marvel

Videociety

Simply watch films online. Your Metz smart TV enables you to directly access a large selection of content via the integrated HD streaming service Videociety. Videociety offers the latest blockbusters before they go to DVD, as well as current TV series as soon as they are being shown on US television. And always in extraordinary quality: all films are in HD and with 5.1 home cinema sound; many of the films are in their original version. There is no need to buy a subscription – you pay on demand.
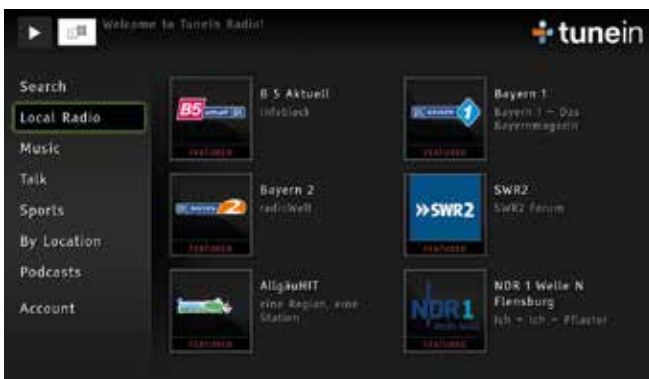
Internet radio

In addition to the integrated DVB radio function, Metz devices with the Metz Media System now also provide access to an Internet radio function. Televisions connected to the Internet via the home network can establish a direct connection to TuneIn's web radio service, which provides a huge range of radio stations and streamed content. It goes without saying that the Metz television screen can be deactivated for this. With a selection of over 50,000 radio stations, there is something to suit every taste, from small, local broadcasters to large, international radio stations.

Metz – always first class.

HD PIP

Twin multi–tuner (PIP)
Watch two different channels at the same time

The practical picture-in-picture (PIP) function [1] makes it possible to easily watch two programs simultaneously – during the advertising break, for example – or alternatively in split-screen mode, which is particularly easy to watch. In this way, you can use teletext on one channel whilst watching another at the same time. Thanks to the HD-PIP function, you can also watch a HD channel with picture-in-picture mode.

Qualcomm® aptX™ low latency

Bluetooth® * with Qualcomm® aptX™ low latency
Wireless listening pleasure

The days of a tangle of cables are over: thanks to wireless *Bluetooth®* technology in Metz televisions, you can pair a *Bluetooth®* headset directly with the television, allowing you to enjoy wireless listening pleasure. Music from smartphones and tablets can also be streamed to the Metz television via *Bluetooth®*, turning it into a high-fidelity music amplifier. [2] AptXLL provides high-quality audio transmission.

Split-screen function and picture-in-picture (PIP function)

MULTI ROOM

Multiroom TV function
A program running on a Metz television with a network function and PVR can also be watched on another television or compatible playback device. This can be done if you start to watch a program on your main device and then take it to another compatible device within your home network using the multiroom function, e.g. the television in the bedroom. The Metz television also offer the option to allow compatible devices (e.g. PCs, smartphones, tablets or other televisions) in the home network access to PVR recordings and live programmes (PVR and live-streaming server.

[1] depending on reception
[2] supported audio profile A2DP

The *Bluetooth®* word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Metz is underlicense. Other trademarks and trade names are those of their respective owners.

Metz Micos

Form and function in unison.

Micos
16:9 UHD-TV

Technology that's fun to use.

– *Black with brushed aluminium decorative trim and aluminium surround*
– *43" to 55" screen size*

The new Metz Micos will surprise you: State of the art UHD receiver technology in a perfect design that will be at home in any interior landscape. Its picture will impress you with cutting edge UHD screen resolution, and 400 HZ Metzvision picture technology, dynamic sharpness and movement correction complete the picture. And the Micos sound is equally impressive. High-quality MetzSoundPro technology with a sealed 2-way system and bass reflex channel ensures a formidably full sound with crystal-clear treble and crisp bass tones.

A rotating table stand of glass and metal ensure stability.

A discreet trim with fabric facing in elegant black guarantee the Micos a tasteful look.

A wealth of features all packed in.

Numerous connection options make the Micos a versatile all-rounder. Our intuitive Metz operating concept leaves nothing to be desired and can be customised to suit your viewing requirements. USB recording allows you to become your very own television director and watch timeshifted digital reception. WiFi, a twin multi-tuner (2 x DVB-C/T2/S2) that makes it ready for all current reception technologies as well as access to many online services perfectly complete the versatile Micos.

The MetzRemote app can turn a smartphone or tablet into a convenient control centre for your television.
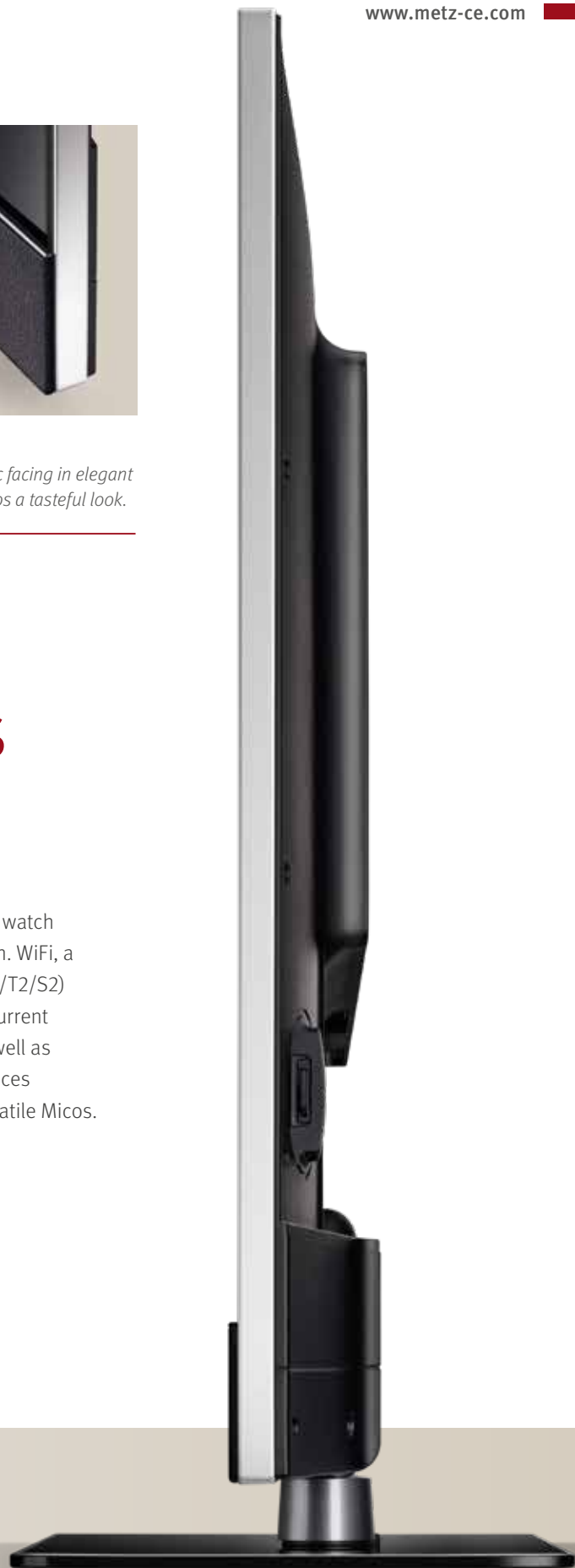
All the models in the Micos range offer:

Technical perfection

- **400Hz MetzVision picture technology:**
- Brilliant sharp UHD resolution: 3840 x 2160 pixels
- LED backlight for optimal energy efficiency and brilliant display thanks to smart backlight adaption to picture content and room lighting conditions (Lux automatic contrast)
- Perfect sharpness, perfect contrast and DCI
- Dynamic motion compensation (DMC) for fluid video playback und optimal film recognition for the best vertical Resolution (FMD)
- Comprehensive colour management for brilliant colours, natural skin tone and perfect display of different video sources via pre-defined profiles

- **High-quality audio:**
- MetzSoundPro sound system with rich, immersive sound and 2-way bass reflex system with 6 speakers for balanced treble and bass tones

Exceptional quality

- Metz televisions are built in accordance with the highest quality standards

Ready for the future

- **Integrated:**
- Twin multi–tuner for digital and analogue TV via cable and aerial as well as digital satellite (2× DVB-C / -T2 /-S2)
- UHDTV/HDTV reception
- USB port for videos, photos and audio [1]
- Integrated network function via LAN and WiFi
- Double CI+ slot for 2 CA modules (for pay TV)

- **External expandability:**
- MetzRemote app for operation via smartphone or tablet computer (iOS and Android)

- **Connection-friendly:**
- USB recording
- Streaming media sticks / streaming media adapter, Blu-ray/DVD players/ recorders, AV receivers, video recorders, digital cameras, surround sound systems and games consoles
- 4×HDMI interfaces (1 with ARC) with HDCP 2.2 (4K 60/50p 4:4:4), 2× USB (with 1×USB 3.0), Cinch connectors (FBAS/L/R) and EURO-AV socket via enclosed adapter, audio output: constant / variable, digital audio output (optical), headphone socket, PC input possible via HDMI adapter

User-friendliness

- Metz media system with Media Player
- Network function (Multiroom, Smart TV portal, HbbTV and internet radio)
- Award-winning Tri-Star operating concept – can be set to three levels of complexity according to your requirements
- One freely confiurable function button for quick access to up to 30 functions
- Timeshift function (via USB)
- Twin recording function for convenient recording
- Top teletext functionality with convenience functions and 2,000-page memory for fast access
- Integrated electronic user guide
- Electronic program guide (EPG)
- CEC function for integrating external HDMI devices into the Metz operating system, incl. control of major streaming media sticks via the Metz TV remote control

First-class service

- Enjoy the benefits of expert advice and superior service from specialist dealers

[1] depending on application

	Micos 55 TX68 UHD twin	Micos 49 TX68 UHD twin	Micos 43 TX68 UHD twin
	55" 140 cm	49" 123 cm	43" 108 cm
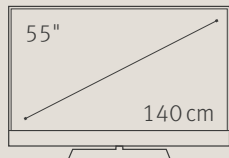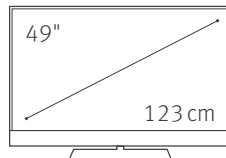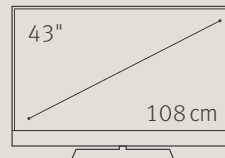
Weight:

with table stand	29,0 kg	21,2 kg	18,5 kg
without table stand	24,5 kg	18,8 kg	15,2 kg

Dimensions W × H × D:

with table stand	123,2×82,2×30,0 cm	109,5×74,1×30,0 cm	96,3×67,1×30,0 cm
without table stand	123,2×77,2×7,1 cm	109,5×69,2×7,0 cm	96,3×61,9×7,0 cm

Energy efficiency category:

	A	A	B

Wall-mounting set:

Order No.	615990015.A1	615990023.A1	615990058.A1
Anchoring supports	4	4	4
Distance W/H	VESA 40 cm × 40 cm	VESA 30 cm × 20 cm	VESA 20 cm × 20 cm

Accessories included:

Rotating glass base; Rotation angle: +/− 30°

Remote control RM18

Colour:

Black / high-gloss polished aluminium decorative trim / aluminium surround

Basic configuration:

400 Hz MetzVision   UHD   MetzSound PRO   2× DVB C/T2/S2   2× CI+   HD PIP

Recording TWIN REC   TIME SHIFT   Recording USB   integrated WiFi   media SYSTEM   DVB-T2 HD

Experience operation and technology effortlessly.

With Metz, the versatile possibilities of modern television are child's play. We have integrated an easy-to-use operation guide in our first-class televisions. The Tri-Star operating system, awarded for its exceptional user-friendliness, is self-explanatory – and it can be adjusted to suit your own personal wishes. Practical functions, such as the electronic program guide, ensure care-free viewing pleasure for the whole family.

Metz control menu
Intuitive and user-friendly
Metz's clear remote control functions are matched by the clearly arranged menu. Despite the many options available to the viewer, a Metz television never confuses: in the clearly-structured function overview, you can effortlessly find all functions and settings.
The self-explanatory and logically-arranged menu with large print is highly legible and user-friendly. The operating steps are always easy to understand, and you will always find functions and settings where you would expect. Metz is synonymous with TVS that are a pleasure to use on a daily basis.

Easy-to-use remote control.
Switch on, sit back and enjoy: That's the way television should be. And that is why we have designed Metz televisions to be completely self-explanatory. If anything isn't quite clear, the integrated operation guide in the menu display (blue button) will help you. It provides short and concise descriptions of the functions selected. With Metz, poring over the manual for hours on end is a thing of the past – thanks to the award-winning Tri-Star operating system.

HDMI-CEC (Consumer Electronics Control)
This intelligent control function sends commands from your Metz TV remote control to relevant external devices via HDMI cable. HDMI-CEC enables you to conveniently operate compatible external devices (e.g. streaming stick, blue-ray/DVD player) using your Metz TV remote control.
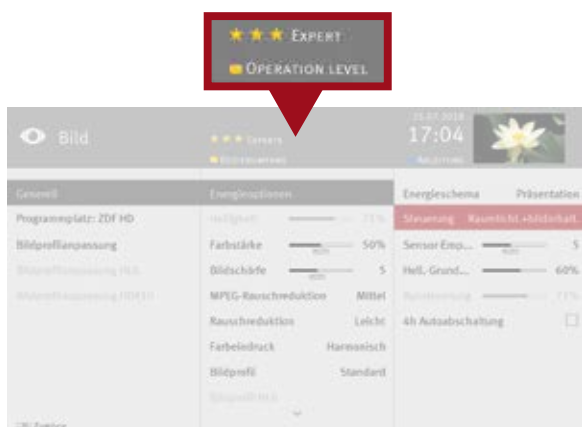
Tri-Star operating system.
As simple as you want it to be.
Metz makes watching TV even easier. With the easy-to-use Tri-Star operating system, you decide for yourself which operating options you would like to use – on three different levels. You can limit the range of options to the bare minimum, i.e. for speed and simplicity of operation, or you can opt for greater depth of detail: for example, you can assign custom settings, such as colour, volume, or image clarity to each individual TV channel and any external signal source.

Programmable function assignment.

Too many buttons on the remote control? And yet the really important ones aren't there? Not with Metz. Thanks to the individually configurable function button, your Metz television adapts perfectly to your needs. Frequently-used menu functions, channels, AV sources and much more can be stored on one of the 30 available places and can be accessed quickly and easily on demand. This unique operating system is unrivalled in its level of customisation and allows quick access to the functions, channels and information that are really important to you. Here, we are redefining user-friendliness, thanks to the freely configurable function button.[2]
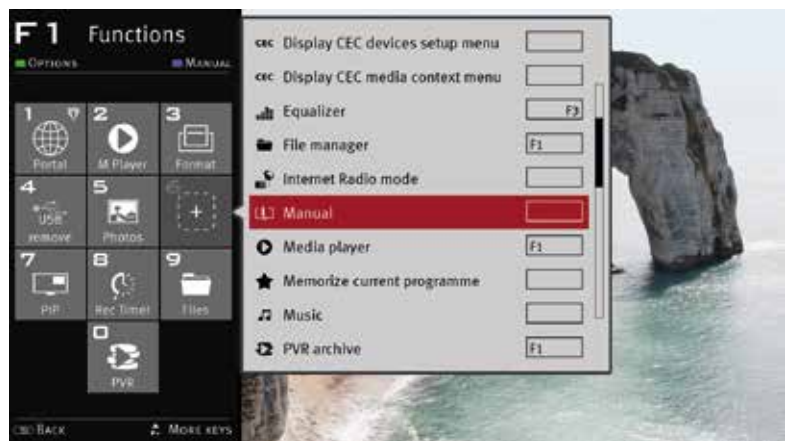
The 30 available places in the programmable function menu can be set up quickly and easily.

Electronic program guide [1]

The program overview can be displayed in three different ways: in the order on your channel list, for each channel separately or sorted by the start time of each program. You'll therefore always have an overview of what's on. Particularly convenient: by simply "clicking" on a program, you can record this on the hard disk recorder or set a reminder for the start of the program.

Top teletext functionality with split-screen and quick search system [1]

Find what you are looking for faster: straightforward Metz teletext system, you can choose between specific topics and quickly locate the corresponding information – in the same brilliant picture quality you expect from Metz. With the extensive page memory, which holds up to 2,000 pages, you can even access sub-pages in no time at all – without annoying wait times. The innovative split-screen function is particularly convenient. Here you can read the channel's teletext while continuing to watch the current program on the other half of the screen. The teletext on Metz televisions can also be searched using any term you like.

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[1] Range depend on model
[2] Remote control type is dependent on model: RM18 - 1 F button / RM19 - 3 F buttons

Metz Cosmo
Viewing pleasure in
its purist form.

Cosmo
16:9 LED-TV

A delight for the eyes and the ears.

Good looks aren't everything. The Metz Cosmo also impresses with its inner qualities: the modern LED technology and 200 Hz MetzVision picture technology deliver a visibly incredible viewing experience. The intuitive operation of the self-explanatory Metz concept makes watching television

child's play. The slimline soundbar fits in perfectly with the Cosmo's tasteful design and features forward-facing speakers. The MetzSoundPlus technology with a sealed 2-way bass reflex system ensures an impressively full, clean sound with brilliant treble and bass tones.

– Brilliant black with an anodised silver, brushed aluminium surround
– 32" to 43" screen size

The stylish rotating table stand features an elegant glass plate with a metal column.

The slimline soundbar impresses with its powerful front-facing speakers.

Compact and connection-friendly.

Three HDMI connections, a WiFi interface, a LAN network connection, two USB ports and a Mini EURO-AV port offer extensive connection options. Thanks to an integrated multi-tuner (DVB-C/T2/S2) and a CI+ slot for CA modules, the Cosmo is well equipped for all types of reception technology. The Cosmo also offers USB recording, Internet radio and access to numerous services, such as the media libraries offered with the new television standard HbbTV.

Metz's clear remote control is matched by the neatly arranged menu.
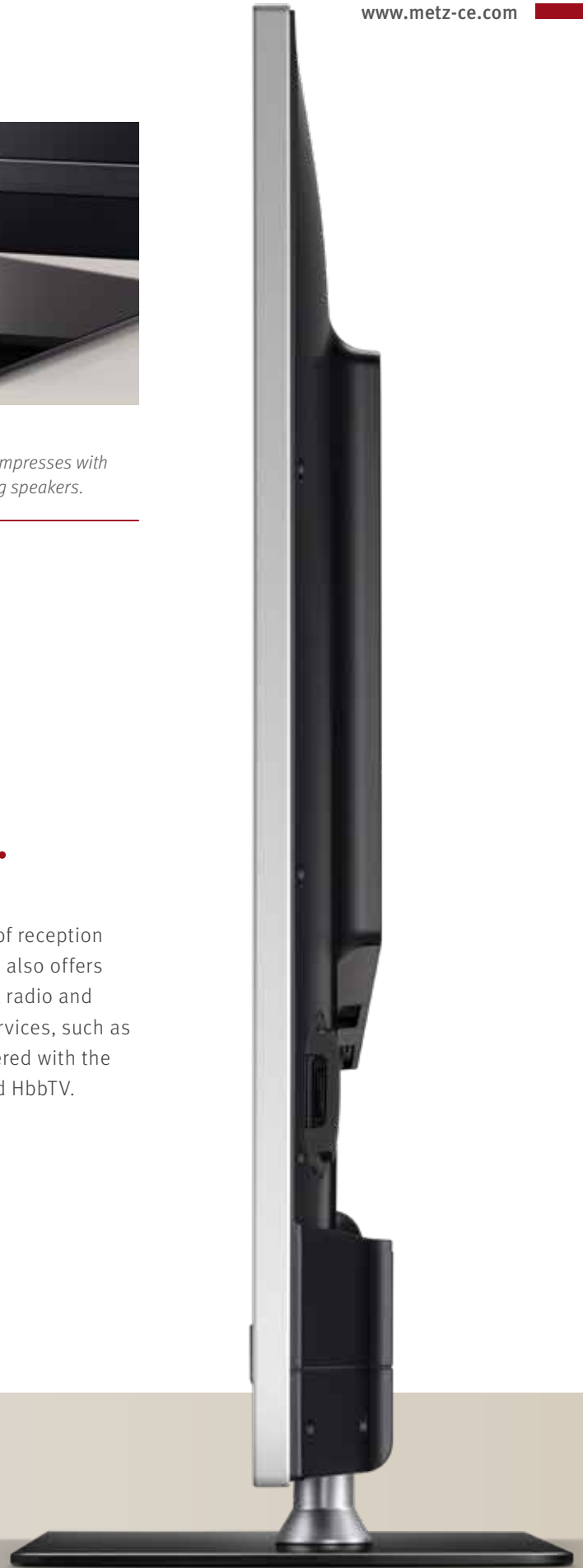
The Cosmo range at a glance

All the models in the Cosmo range offer:

Technical perfection

- **200Hz MetzVision picture technology:**
- Amazingly sharp full HD resolution: 1920 × 1080 pixels
- LED backlight for optimal energy efficiency and brilliant display thanks to smart backlight adaption to picture content and room lighting conditions (Lux automatic contrast)
- Perfect contrast and DCI
- Dynamic motion compensation (DMC) for fluid video playback und optimal film recognition for the best vertical Resolution (FMD)
- Comprehensive colour management for brilliant colours, natural skin tone and perfect display of different video sources via pre-defined profiles
- **High-quality audio:**
- MetzSoundPlus sound system and 2-way speaker system with 6 [1] speakers for balanced treble and bass tones

Exceptional quality

- Metz televisions are built in accordance with the highest quality standards

Ready for the future

- **Integrated:**
- Multi–tuner for digital and analogue TV via cable and aerial as well as digital satellite (DVB-C / DVB-T / DVB-S2)
- HDTV reception
- USB port for videos, photos and audio [2]
- Integrated network function via LAN and WiFi
- CI+ slot for 1 CA module (for pay TV)

- **Connection-friendly:**
- USB recording
- Streaming media sticks / streaming media adapter, Blu-ray/DVD players/ recorders, AV receivers, video recorders, digital cameras, surround sound systems and games consoles
- 3×HDMI interfaces (1 with ARC) with HDCP, 2× USB, Cinch connectors (FBAS/L/R) and EURO-AV socket via enclosed adapter, audio output: constant / variable, digital audio output (optical), headphone socket, PC input possible via HDMI adapter

User-friendliness

- Media Player
- Network function (Smart TV portal, HbbTV and internet radio)
- Award-winning Tri-Star operating concept – can be set to three levels of complexity according to your requirements
- One freely confiurable function button for quick access to up to 30 functions
- Top teletext functionality with convenience functions and 1,000-page memory for fast access
- Integrated electronic user guide
- Electronic program guide (EPG)
- CEC function for integrating external HDMI devices into the Metz operating system, incl. control of major streaming media sticks via the Metz TV remote control

First-class service

- Enjoy the benefits of expert advice and superior service from specialist dealers

[1] Cosmo 32 mit 4 Lautsprechern
[2] depending on application

	Cosmo 43	Cosmo 32
	43" — 108 cm	32" — 80 cm
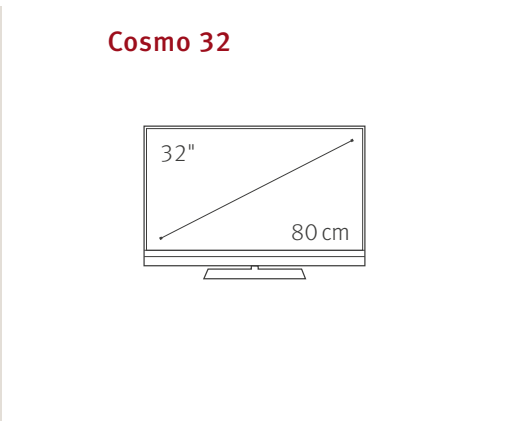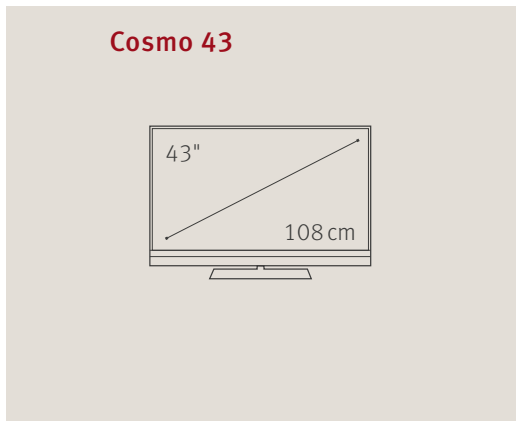
Weight:

with table stand	18,6 kg	9,4 kg
without table stand	15,7 kg	7,3 kg

Dimensions W × H × D:

with table stand	96,3×67,1×30,0 cm	72,9×54,0×24,0 cm
without table stand	96,3×61,9×7,0 cm	72,9×48,7×5,5 cm

Energy efficiency category:

	A+	A

Wall-mounting set:

Order No.	615990058.A1	615990066.A1
Anchoring supports	4	4
Distance W/H	VESA 20 cm × 20 cm	VESA 10 cm × 10 cm

Accessories included:

Rotating glass base; Rotation angle: +/− 30°

Remote control RM18

Colour:

Brilliant black / anodised silver, brushed aluminium surround

Basic configuration:

200Hz MetzVision · Full HD · MetzSound PLUS · DVB C/T2/S2 · CI+

Recording USB · integrated WiFi · TV SMART · DVB-T2 HD

Metz service centre

With our comprehensive care-free package, you can experience total relaxation.

Excellent dealer advice and service.

We want you to have the best service. That is why we sell our televisions exclusively through authorised dealers. Here you can be sure of expert advice and first-class service.

Expert advice on your purchase
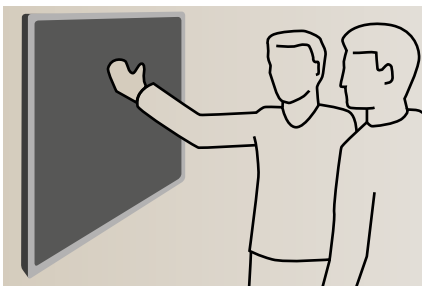
Convenient delivery and expert installation
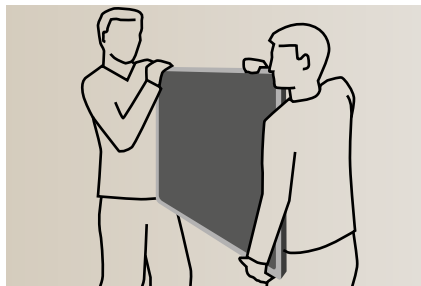
Professional customer service on site

Your authorised Metz dealer

Top service – after your purchase too

On request: from convenient delivery and expert installation to disposal of the packaging and professional customer service, you – and your Metz television – are in the best of hands with our local authorised dealers.

Metz – always first class.
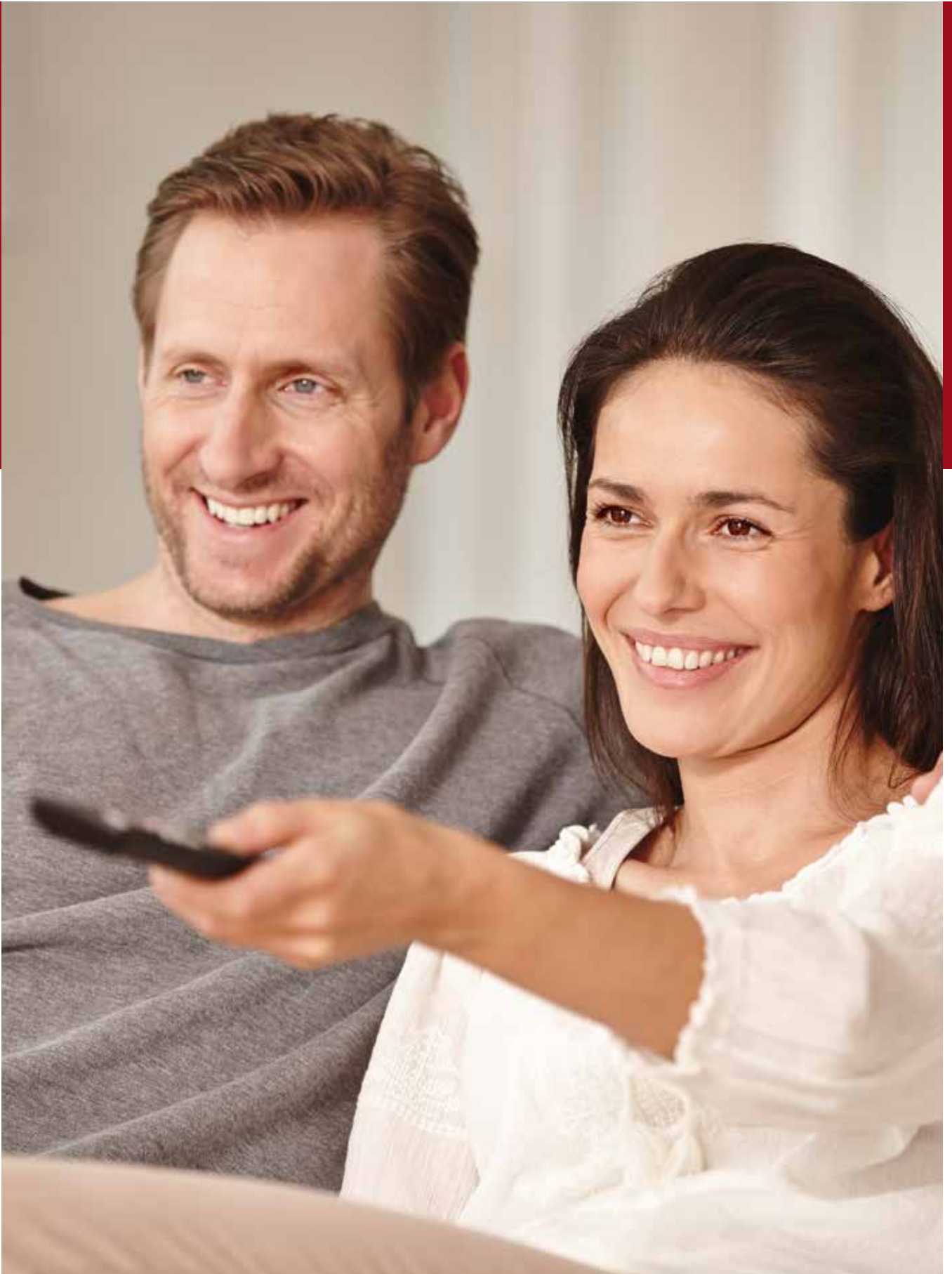
Metz – the No. 1 partner among dealers

Dealers have voted Metz their No. 1 partner in Germany for over 25 consecutive years.
You can count on Metz, as our dealers and our customers will testify.

MI performance rankings 2017
Manufacturer's overall rating
Consumer Electronics

Performance certificate 2017
Full- and multi-range supplier
Consumer Electronics

Ranking 2017	Ranking 2015	Manufacturer	Score
1.	1.	Metz	1,97
2.	5.	Loewe	2,07
3.	2.	TechniSat	2,54
4.	4.	Panasonic	2,58
5.	3.	Grundig	3,05
6.	7.	Samsung	3,46
7.	6.	Sony	3,55
8.	10.	LG	3,81
9.	8.	Hisense	3,99
10.	9.	TP Vision	4,16
Average			**3,12**

Vote takes place every 2 years.
Fount: markt intern Verlag GmbH, Redaktion Unterhaltungselektronik

CERTIFICATE

Metz

ISO 9001:2015

DEKRA Certification GmbH hereby certifies that the company

Metz Consumer Electronics GmbH

Scope of certification:
Development, production and sales of TV sets

Certified location:
D-90513 Zirndorf, Ohmstraße 55

has established and maintains a quality management system according to the above mentioned standard. The conformity was adduced with audit report no. A18041336.
This certificate is valid from 2018-10-09 to 2021-10-08
Certificate registration no.: 91015574/2

Lothar Weihofen
DEKRA Certification GmbH Stuttgart; 2018-07-27

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de

page 1 of 1

Certified quality

With high-quality down to the finest detail, innovations and a comprehensive service system, we offer our customers the added value that they expect from Metz products. However, our quality standard applies to more than just our products. Quality is one of our corporate principles and serves as both motivation and orientation for our actions and our treatment of customers, suppliers, business partners and each other.

Every person involved in the work process takes responsibility for implementing our philosophy to the highest degree – working together with their superiors and colleagues. Only this way can we guarantee that the quality of the overall result will meet our requirements and the requirements of our customers. It is thanks to this that our quality management system has been certified in accordance with the internationally recognised ISO 9001 standard.

Certificate for quality management system ISO 9001:2015

The advantages of integration.

Integrated solutions from Metz use less energy and resources than the sum of the equivalent individual components (e.g. external satellite receiver, hard disk recorder). This is because a Metz TV brings together the capabilities of several devices in one. This savings energy and natural resources. Compared to operating all these components individually, this represents a significant contribution to CO_2 reduction and

energy saving. In real terms, the need for a wide range of external devices can be eliminated by integrating receivers and modules ranging from DVB cable tuners and DVB-T2 terrestrial tuners to satellite tuners and hard disk recorders (PVRs). This in turn lowers primary energy requirements, as additional unit housings, power supply units and various plastic components can be dispensed with. At the same time this

provides increased user friendliness, since everything can be operated with a single, integrated remote control. Metz TVs' modular construction concept also helps reduce energy consumption if the unit ever needs to be repaired. Ideally, it should be possible to carry out the repair at the customer's home or, if not, at a dealership nearby.

Retrofit kits and accessories

Wall mounts and VESA adapter bolts

All Metz devices can be mounted securely using a Metz wall mount set. If the television is to be mounted on a commercially available pivoting wall holder, VESA adapter bolts may be necessary, depending on the model. For details, please ask your authorised dealer.

Illustration device-dependent

Wall mount panel/braces for a VESA wall holder

Bluetooth® [1]

Topas models has *Bluetooth*® integration. Fineo models can be retrofitted with *Bluetooth*®. The retrofit kit allows the device to be paired with a *Bluetooth*® integration. For example *Bluetooth*® headphones, or to stream audio content from mobile devices wirelessly. AptXLL provides high-quality audio transmission.
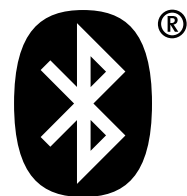
The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Metz is underlicense. Other trademarks and trade names are those of their respective owners.

Qualcomm aptX is a product of Qualcomm Technologies International, Ltd.
Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries, used with permission. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries, used with permission.

[1] supported audio profile A2DP

Metz – always first class.

Enjoy music completely free of cables, plugs and other accessories.

Bluetooth® Headphones KH-BT 02

– Neutral, balanced sound with the latest
  Bluetooth® aptX™ low latency technology
– Fatigue-free, highly comfortable design with super soft ear
  and headband cushions, adjustable earpiece, flexible ear
  caps and light weight (180g)
– Wireless Bluetooth® or wired connection (Accessories
  included 3m cable)
– Easy to carry thanks to foldable headband
– High battery lifetime (Li-ion battery)
– Can also be used as a headset (microphone built in)
– Easy to control using integrated pushbuttons in the ear caps
– With the use of a suitable Metz TV lip-sync audio behaviour
– Headphones frequency response: 20-20,000Hz
– Microphone fequency response: 100-10,000Hz

Bluetooth® with Qualcomm® aptX™ low latency:
– Version: V4.2
– Supported audio profile: A2DP,
  AVRCP, HFP, HSP
– Range: up to 10m

Battery:
– Playback time: max. 25 h
– Standby time: max. 168 h
– Charging time: 2-3 h
– Li-ion battery: 400mAh

Innovative technology explained simply.

10-bit colour depth
This technology approximately quadruples the resolution in the colour range compared to previously used 8-bit technology. As a result, colour transitions and gradations are much more differentiated and thus finer, and the picture takes a major step forwards in terms of natural colour rendering.

ARC
The audio return channel (ARC) permits direct transmission of audio signals from a TV transmitter to an external audio system connected via HDMI, thus reducing the amount of cabling required.

Automatic aspect ratio recognition
Allows the picture to be shown in its correct format, filling the screen and yet fitting as many elements as possible into the frame – for both TV broadcasts and external image sources.

Automatic HDMI program change
An active HDMI source is recognised and the corresponding channel is automatically selected.

CEC
Consumer Electronics Control makes it possible to control the television and any connected AV devices with a single remote control. Additional control signals are transmitted over the HDMI connection along with image and sound information.

CI+
The common interface has been further developed. It is used to decrypt received DVB data that has been encrypted in accordance with the CI+ process. The CI+ module is the interface between the encrypted data and the smartcard that contains the customer-specific access data.

DMC
Dynamic Motion Control. Process for calculating intermediate images. This provides a smooth display of cinema films.

Dolby Digital Plus
Multi-channel sound system from Dolby Laboratories, Inc.
Further development of the Dolby Digital sound system with improved transmission efficiency and enhanced reproduction quality due to a higher number of possible audio channels and increased data rates.

DVB-C/-T/-S2 (Multi-tuner)
Integrated receiver, supports all reception paths (analogue, DVB-C/-T/-S2) and is also HDTV-capable via digital cable (DVB-C) and digital satellite (DVB-S2).

2× DVB-C/-T2/-S2 (Twin multi–tuner)
Integrated receiver, supports all reception paths (DVB-C/-T2/-S2, analogue) in dual mode, thus permitting simultaneous use of two different channels, for example for recording one program while watching another program on a different TV station at the same time, or for recording two programs on two different channels.

Dynamic noise reduction
Filter for moving and static pictures to eliminate picture interference.

EPG
Electronic Program Guide = electronic TV guide for digital channels, based on data provided by TV broadcasters. EPG allows you to see and restructure the TV schedule in advance and facilitates the programming of recordings.

FHD (resolution)
With a resolution of 1920x1080 pixels, Full HD displays offer almost 2.1 million pixels, and are therefore ideal for almost all image sources typically used today.

Hard disk recorder (PVR)
Integrated internal hard disk memory with a storage capacity of 500GB/1TB. This makes it possible to make digital recordings up to 100/200 hours in HDTV quality (high-resolution) or up to 500/1000 hours in SDTV quality (standard resolution).

HbbTV
Hybrid Broadband Broadcast TV makes it possible to retrieve additional content offerings from TV broadcasters via an Internet connection on the television provided in addition to the TV connection. It facilitates access to additional information on the current program, for example, but also to services such as media libraries, high-resolution teletext or broadcasters' own electronic program guides (EPG).

HEVC
High Efficiency Video Coding, also known as H.265, is a standard for coding and decoding video content. HEVC is the successor to the H.264/MPEG-4-AVC standard, and allows a significantly higher compression at the same level of image quality.

HDMI
High Definition Multimedia Interface, with HDCP copy protection. Digital interface for connecting external AV sources. HDMI delivers better picture and audio quality than SCART, for example, and offers the option of showing HDTV.

HDR
HDR, High Dynamic Range, refers to a new standard that lays the technical foundations for greatly improved contrast and, therefore, for capturing and reproducing differences between light and dark in a scene. This greatly improves the picture quality, making it much more realistic.

HDTV

The receiver for HDTV is already integrated in the television set. HD capability makes the TV picture up to five times sharper and the details significantly clearer than with standard resolution (SDTV). Especially suited to this presentation is a Full HD panel with a screen resolution of 1920 x 1080 pixels.

Integrated manual

The television contains an integrated manual (operation guide) which provides short descriptions of the television's functions. These can be accessed directly in the menu using the blue button.

IPS technology (LED-LCD)

In-plane switching screen technology: for faithful colour display even when the screen is viewed from an angle.

LAN interface

Local Area Network connection for connecting to a home network (e.g. Media Server) and connecting the TV set to the Internet (e.g. HbbTV*).

LED technology

In LED televisions, light-emitting diodes (LEDs) provide the illumination of the screen. One method of doing this is Edge LED, whereby light-emitting diodes arranged at the edge of the screen illuminate it with the aid of a light distribution system. Typical features of this are even, bright illumination and high energy efficiency.

LUX automatic contrast

Automatic adjustment of brightness to the light conditions in the room.

Media library

A term used to describe an archive of multimedia files. This refers to the online archives supplied by television broadcasters via the HbbTV* platform. The content can be searched and played back on the television.

Metz Media System

Supports playback of a wide variety of multimedia data files (video, music and photos) via network and USB. It also supports HbbTV* which makes it possible to use additional broadcaster-related content provided by TV stations using this platform, such as media libraries.

MetzRemote

Application programme for controlling the TV with a smartphone or tablet; displays the list of the TV's broadcasting stations and contains a list editor and Wake-on-LAN function. Available free of charge for devices with iOS and Android operating systems.

200Hz MetzVision
400Hz MetzVision
800Hz MetzVision
1000Hz MetzVision
1600Hz MetzVision
2000Hz MetzVision

MetzVision

A collective term for the whole range of image optimisation features. This includes all influencing factors, such as the panel's performance data, the image processing components of the electronics and the functional groups and algorithms in the software, for example motion compensation or local contrast. The rating of the entire package of image optimisation measures is indicated by the unit "Hz MetzVision".

OLED

Organic Light Emitting Diodes are used to create the best picture quality currently available today. The particular strengths of this self-illuminating technology lie in its ability to display very dark or completely black image areas. As a whole, this results in outstandingly realistic contrast and also improves colour rendering. Other strengths include the tremendously balanced illumination as well as practically perfect viewing angle stability. Here, Metz works exclusively with long-lasting white OLEDs, which are complemented with advanced colour filter technology.

PC connection

A PC can be connected to the television via HDMI. Adjusting the PC connection in the menu facilitates the pixel-perfect and lag-free display of the PC image on the television.

Smart TV portal

Application gallery with a multitude of program-related and program-independent services and content which the viewer can access via a television connected to the Internet.

SPDIF

Digital interface for exceptional audio quality. Optical digital output: The TV audio can be reproduced via a surround sound system.

Tri-Star operating concept

The user menu has three levels of complexity to choose from, depending on the user's degree of technical interest.

UHDTV (reception)

The UHDTV receiver is already integrated into the television set (via satellite). UHDTV reception makes details significantly clearer than HDTV (high-definition television), with a maximum of almost 8.3 million pixels compared to a maximum of 2.1 million in HDTV. Other possible sources include all UHD-ready sources via HDMI or suitable UHD video or photo content via USB or a network (for supported formats, see p.30).

UHD (resolution)

With a resolution of 3840x2160 pixels, ultra-high-definition displays offer almost 8.3 pixels, and can thus display considerably more details and definition when used with suitable sources. This means that the picture is still perceived to be clear, even at very low viewing distances.

WiFi

integrated WiFi

Wireless Local Area Network for connecting wirelessly to a home network (e.g. Media Server) and connecting the TV set to the Internet (e.g. HbbTV*).

Metz Topas (Page 16)

	Topas 65 TX99 OLED twin R	Topas 55 TX99 OLED twin R
Picture technology		
Display technology	OLED technology	OLED technology
Diagonal screen size (cm/inch)	165/65"	140/55"
UHD 3840×2160 / Full HD 1920×1080	•/–	•/–
HDR standards: HDR10/HLG	•/•	•/•
Picture technology	2000Hz MetzVision	2000Hz MetzVision
Max. contrast ratio	2.500.000: 1	2.500.000 : 1
Automatic contrast of picture content / ambient light	•/•	•/•
Panel brightness in cd/m²	1000	1000
Viewing angle type °	180	180
Typ. response time in ms (GTG)	1	1
HD-PIP	•	•
Sound technology		
Music power output (watts)	2 × 30 + 1 × 30 (Subwoofer)	2 × 30 + 1 × 30 (Subwoofer)
Integrated speakers	6 + 1 Subwoofer	6 + 1 Subwoofer
MetzSoundPro / MetzSoundPlus	•/–	•/–
7 band equalizer	•	•
Audio output: constant / variable	•/•	•/•
Dolby Digital+ / HE-AAC	•/•	•/•
Automatic volume correction (can be disabled)	•	•
Separate headphone volume adjustment	•	•
Operation		
Remote control	RM19	RM19
Hard disk recorder incl. Timeshift	1 TB	1 TB
USB recording incl. Timeshift	•	•
Internet timer	•	•
Power switch	•	•
OLED plain text display / Illuminating diode	•/•	•/•
Electronic program guide (EPG) / digital channels	•/all	•/all
Tri-Star menu incl. hotel mode	•	•
Sleep timer / Child lock	•/•	•/•
Top teletext / Comfort functions	•/•	•/•
Reception		
Equipped with tuner ex works	2 × DVB-C/T2/S2	2 × DVB-C/T2/S2
UHDTV / HDTV integrated	•/•	•/•
Number of CI+ enabled CI slots	2	2
Media / network functions		
Metz Media System / HbbTV 1.5	•/•	•/•
Streaming (Server/Client)	• (•/•)	• (•/•)
MetzRemote app	•	•
Internet radio	TuneIn	TuneIn
Smart TV portal / Browser	Foxxum/•	Foxxum/•
LAN / WiFi (IEEE 802.11 a/b/g/n/ac ; 2,4GHz and 5,0GHz)	•/•	•/•
Bluetooth® with Qualcomm® aptX™ low latency	•	•
Connectivity		
HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC	4 /1	4 /1
USB connection 2.0 (500mA) / USB-Anschluss 3.0 (1000mA)	1/1	1/1
LAN Network connection (RJ 45)	•	•
S/PDIF digital audio output / Audio output	•/•	•/•
Headphone socket / EURO-AV socket via adapter	•/•	•/•
AV cinch input (FBAS/L/R) via adapter	•	•
Power consumption		
Mains voltage	230–240V/50Hz	230–240V/50Hz
Power consumption in use (in delivery condition) [W]	160	118
Power consumption in standby mode [W]	0,12	0,15
Peak luminance ratio [%]	65	65
Annual energy consumption [kWh]	222	164
Energy efficiency category (spectrum A++ till E)	A	A
Dimensions / weight		
Width [cm]	144,7	122,7
Height with base / without base [cm]	94,3 / 89,5	81,8 / 77,1
Depth with base / without base [cm]	30,0 / 7,7	30,0 / 7,4
Weight with base / without base [kg]	31,7 / 27,2	25,0 / 20,8
Other information		
Wallmount VESA [cm]	30 × 30	30 × 20
Mercury concentration in mg	0,0	0,0
Contains lead (within statutory prescriptive limits)	•	•

• Standard product feature

Metz Topas (Page 16)

Topas 49 TX95 UHD twin R	Topas 43 TX95 UHD twin R	
		Picture technology
LCD TV with LED technology	LCD TV with LED technology	Display technology
123/49"	108/43"	Diagonal screen size (cm/inch)
•/–	•/–	UHD 3840×2160 / Full HD 1920×1080
•/•	•/•	HDR standards: HDR10/HLG
1000Hz MetzVision	1000Hz MetzVision	Picture technology
750.000 : 1	750.000 : 1	Max. contrast ratio
•/•	•/•	Automatic contrast of picture content / ambient light
400	400	Panel brightness in cd/m²
178	178	Viewing angle type °
5	5	Typ. response time in ms (GTG)
•	•	HD-PIP
		Sound technology
2 × 30 + 2 × 10	2 × 30 + 2 × 10	Music power output (watts)
4	4	Integrated speakers
•/–	•/–	MetzSoundPro / MetzSoundPlus
•	•	7 band equalizer
•/•	•/•	Audio output: constant / variable
•/•	•/•	Dolby Digital+ / HE-AAC
•	•	Automatic volume correction (can be disabled)
•	•	Separate headphone volume adjustment
		Operation
RM19	RM19	Remote control
1 TB	1 TB	Hard disk recorder incl. Timeshift
•	•	USB recording incl. Timeshift
•	•	Internet timer
•	•	Power switch
•/•	•/•	OLED plain text display / Illuminating diode
•/all	•/all	Electronic program guide (EPG) / digital channels
•	•	Tri-Star menu incl. hotel mode
•/•	•/•	Sleep timer / Child lock
•/•	•/•	Top teletext / Comfort functions
		Reception
2 × DVB-C/T2/S2	2 × DVB-C/T2/S2	Equipped with tuner ex works
•/•	•/•	UHDTV / HDTV integrated
2	2	Number of CI+ enabled CI slots
		Media / network functions
•/•	•/•	Metz Media System / HbbTV 1.5
• (•/•)	• (•/•)	Streaming (Server/Client)
•	•	MetzRemote app
TuneIn	TuneIn	Internet radio
Foxxum/•	Foxxum/•	Smart TV portal / Browser
•/•	•/•	LAN / WiFi (IEEE 802.11 a/b/g/n/ac ; 2,4GHz and 5,0GHz)
•	•	Bluetooth® with Qualcomm® aptX™ low latency
		Connectivity
4/1	4/1	HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC
1/1	1/1	USB connection 2.0 (500mA) / USB-Anschluss 3.0 (1000mA)
•	•	LAN Network connection (RJ 45)
•/•	•/•	S/PDIF digital audio output / Audio output
•/•	•/•	Headphone socket / EURO-AV socket via adapter
•	•	AV cinch input (FBAS/L/R) via adapter
		Power consumption
230–240V/50Hz	230–240V/50Hz	Mains voltage
108	97	Power consumption in use (in delivery condition) [W]
0,15	0,15	Power consumption in standby mode [W]
65	65	Peak luminance ratio [%]
150	135	Annual energy consumption [kWh]
A	A	Energy efficiency category (spectrum A++ till E)
		Dimensions / weight
109,6	96,2	Width [cm]
77,2 / 72,6	69,3 / 64,3	Height with base / without base [cm]
30,0 / 7,3	30,0 / 7,3	Depth with base / without base [cm]
26,2 / 21,8	22,2 / 17,8	Weight with base / without base [kg]
		Other information
30 × 20	20 × 20	Wallmount VESA [cm]
0,0	0,0	Mercury concentration in mg
•	•	Contains lead (within statutory prescriptive limits)

– Not available

Metz Fineo (Page 28)

	Fineo 55 TX89 OLED twin R	Fineo 49 TX89 UHD twin R	Fineo 43 TX89 UHD twin R
Picture technology			
Display technology	OLED technology	LCD TV with LED technology	LCD TV with LED technology
Diagonal screen size (cm/inch)	140/55"	123/49"	108/43"
UHD 3840×2160 / Full HD 1920×1080	•/–	•/–	•/–
HDR standards: HDR10/HLG	•/•	•/•	•/•
Picture technology	1.600Hz MetzVision	800Hz MetzVision	800Hz MetzVision
Max. contrast ratio	2.500.000 : 1	750.000 : 1	750.000 : 1
Automatic contrast of picture content / ambient light	•/•	•/•	•/•
Panel brightness in cd/m²	1000	400	400
Viewing angle type °	180	178	178
Typ. response time in ms (GTG)	1	5	5
HD-PIP	•	•	•
Sound technology			
Music power output (watts)	2 × 30	2 × 20	2 × 20
Integrated speakers	6	6	6
MetzSoundPro / MetzSoundPlus	•/–	•/–	•/–
7 band equalizer	•	•	•
Audio output: constant / variable	•/•	•/•	•/•
Dolby Digital+ / HE-AAC	•/•	•/•	•/•
Automatic volume correction (can be disabled)	•	•	•
Separate headphone volume adjustment	•	•	•
Operation			
Remote control	RM18/ •	RM18/ •	RM18/ •
Hard disk recorder incl. Timeshift	500 GB	500 GB	500 GB
USB recording incl. Timeshift	•	•	•
Internet timer	•	•	•
Power switch	•	•	•
OLED plain text display / Illuminating diode	•/•	•/•	•/•
Electronic program guide (EPG) / digital channels	•/all	•/all	•/all
Tri-Star menu incl. hotel mode	•	•	•
Sleep timer / Child lock	•/•	•/•	•/•
Top teletext / Comfort functions	•/•	•/•	•/•
Reception			
Equipped with tuner ex works	2 × DVB-C/T2/S2	2 × DVB-C/T2/S2	2 × DVB-C/T2/S2
UHDTV / HDTV integrated	•/•	•/•	•/•
Number of CI+ enabled CI slots	2	2	2
Media / network functions			
Metz Media System / HbbTV 1.5	•/•	•/•	•/•
Streaming (Server/Client)	• (•/•)	• (•/•)	• (•/•)
MetzRemote app	•	•	•
Internet radio	TuneIn	TuneIn	TuneIn
Smart TV portal / Browser	Foxxum/•	Foxxum/•	Foxxum/•
LAN / WiFi (IEEE 802.11 a/b/g/n/ac ; 2,4GHz and 5,0GHz)	•/•	•/•	•/•
Bluetooth® with Qualcomm® aptX™ low latency	•	•	•
Connectivity			
HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC	4/1	4/1	4/1
USB connection 2.0 (500mA) / USB-Anschluss 3.0 (1000mA)	1/1	1/1	1/1
LAN Network connection (RJ 45)	•	•	•
S/PDIF digital audio output / Audio output	•/•	•/•	•/•
Headphone socket / EURO-AV socket via adapter	•/•	•/•	•/•
AV cinch input (FBAS/L/R) via adapter	•	•	•
Power consumption			
Mains voltage	230–240V/50Hz	230–240V/50Hz	230–240V/50Hz
Power consumption in use (in delivery condition) [W]	118	97	91
Power consumption in standby mode [W]	0,15	0,12	0,12
Peak luminance ratio [%]	65	65	65
Annual energy consumption [kWh]	164	135	126
Energy efficiency category (spectrum A++ till E)	A	A	B
Dimensions / weight			
Width [cm]	122,6	109,5	96,3
Height with base / without base [cm]	81,6 / 77,2	74,2 / 69,2	67,1 / 61,9
Depth with base / without base [cm]	34,7 / 6,5	34,7 / 6,9	34,7 / 7,0
Weight with base / without base [kg]	24,0 / 20,2	23,3 / 19,6	19,1 / 15,3
Other information			
Wallmount VESA [cm]	30 × 20	30 × 20	20 × 20
Mercury concentration in mg	0,0	0,0	0,0
Contains lead (within statutory prescriptive limits)	•	•	•

• Standard product feature

Metz Micos (Page 42)			Metz Cosmo (Page 52)	
Micos 55 TX68 UHD twin	Micos 49 TX68 UHD twin	Micos 43 TX68 UHD twin	Cosmo 43	Cosmo 32
LCD TV with LED technology	LCD TV with LED technology	LCD TV with LED technology	LCD TV with LED technology	LCD TV with LED technology
140/55"	123/49"	108/43"	108/43"	80/32"
•/–	•/–	•/–	–/•	–/•
–/–	–/–	–/–	–/–	–
400Hz MetzVision	400Hz MetzVision	400Hz MetzVision	200Hz MetzVision	200Hz MetzVision
700.000 : 1	700.000 : 1	700.000 : 1	600.000 : 1	600.000 : 1
•/•	•/•	•/•	–/•	–/•
380	380	380	350	340
178	178	178	178	178
5	5	5	6	6
•	•	•	–	–
2 × 20	2 × 20	2 × 20	2 × 15	2 × 12
6	6	6	6	4
•/–	•/–	•/–	–/•	–/•
•	•	•	•	•
•/•	•/•	•/•	•/•	•/•
•/•	•/•	•/•	•/•	•/•
•	•	•	•	•
•	•	•	•	•
RM18/ •	RM18/ •	RM18/ •	RM18/–	RM18/–
–	–	–	–	–
•	•	•	•	•
•	•	•	–	–
•	•	•	•	•
–/•	–/•	–/•	–/•	–/•
•/all	•/all	•/all	•/max. 50	•/max. 50
•	•	•	•	•
•/•	•/•	•/•	•/•	•/•
•/•	•/•	•/•	•/–	•/–
2 × DVB-C/T2/S2	2 × DVB-C/T2/S2	2 × DVB-C/T2/S2	1 × DVB-C/T2/S2	1 × DVB-C/T2/S2
•/•	•/•	•/•	–/•	–/•
2	2	2	1	1
•/•	•/•	•/•	–/•	–/•
• (•/•)	• (•/•)	• (•/•)	• (–/•)	• (–/•)
•	•	•	–	–
TuneIn	TuneIn	TuneIn	Radioline	Radioline
Foxxum/•	Foxxum/•	Foxxum/•	Opera/–	Opera/–
•/•	•/•	•/•	•/•	•/•
–	–	–	–	–
4 / 1	4 / 1	4 / 1	3 / 1	3 / 1
1/1	1/1	1/1	2/0	2/0
•	•	•	•	•
•/•	•/•	•/•	•/•	•/•
•/•	•/•	•/•	•/•	•/•
•	•	•	• (nur Cinch)	• (nur Cinch)
230–240V/50Hz	230–240V/50Hz	230–240V/50Hz	230–240V/50Hz	230–240V/50Hz
106	90	82	55	41
0,15	0,15	0,15	0,12	0,12
65	65	65	65	65
147	125	114	76	57
A	A	B	A+	A
123,2	109,5	96,3	96,3	72,9
82,2 / 77,2	74,1 / 69,2	67,1 / 61,9	67,1 / 61,9	54,0 / 48,7
30,0 / 7,1	30,0 / 7,0	30,0 / 7,0	30,0 / 7,0	24,0 / 5,5
29,0 / 24,5	21,2 / 18,9	18,5 / 15,2	18,6 / 15,7	9,4 / 7,3
40 × 40	30 × 20	20 × 20	20 × 20	10 × 10
0,0	0,0	0,0	0,0	0,0
•	•	•	•	•

– Not available

Metz

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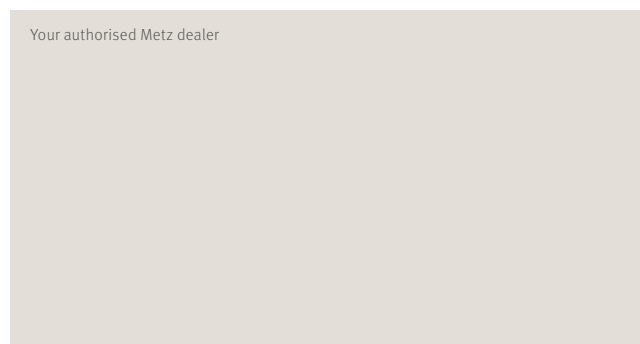BEST
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