SEE**HEAR**EXPERIENCE

Metz – always first class.

PLUS X AWARD®
SPECIAL RETAILERS' AWARD OF THE YEAR 2021
www.plusxaward.com

PLUS X AWARD®
SPECIAL RETAILERS' AWARD OF THE YEAR 2020
www.plusxaward.com

Made in Germany

SEEHEAREXPERIENCE
Metz – always first class.

Metz

Our values shape our actions.

/ 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.

Made in
Germany

PERFECTION in technology and design

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 FRIENDLY intuitive and innovative

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.

FUTURE through sustainable technology

Our televisions offer modern technology that will optimally equip you for the future. Updates conveniently provide additional functions and security upgrades as time goes on. Thanks to clever integration of external solutions for VoD services (e.g. with a Fire TV stick, comprehensive control with the Metz remote via HDMI-CEC and integration into the TV menu structure), Metz Classic TVs stand for future-proof technology and, thanks to an extensive integrated streaming service, are second to none. Quite the opposite, in fact. Should the VoD service become outdated, only the external solution need be replaced – sustainably and free of charge – and not the complete device. Long-term stockage of spare parts and our own repair service mean we save on additional resources. The advanced technology of Metz televisions combines several devices into one, thus saving valuable energy – as a responsible and environmentally aware company, we are looking to the future.

SERVICE close to people

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.

QUALITY 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.

OLED / UHD

10 / TOPAS

OLED / UHD

22 / AURUS

Direct LED / UHD

32 / ALEGRA

16 / TECHNICAL PERFECTION
17 / Picture
28 / Sound
38 / Recording

48 / USER-FRIENDLINESS

58 / READY FOR THE FUTURE

Simply superior television.
With a Metz.

Direct LED / UHD

42 / TARIS

Direct LED / UHD

52 / CALEA

LED / FHD

66 / CALEA compact

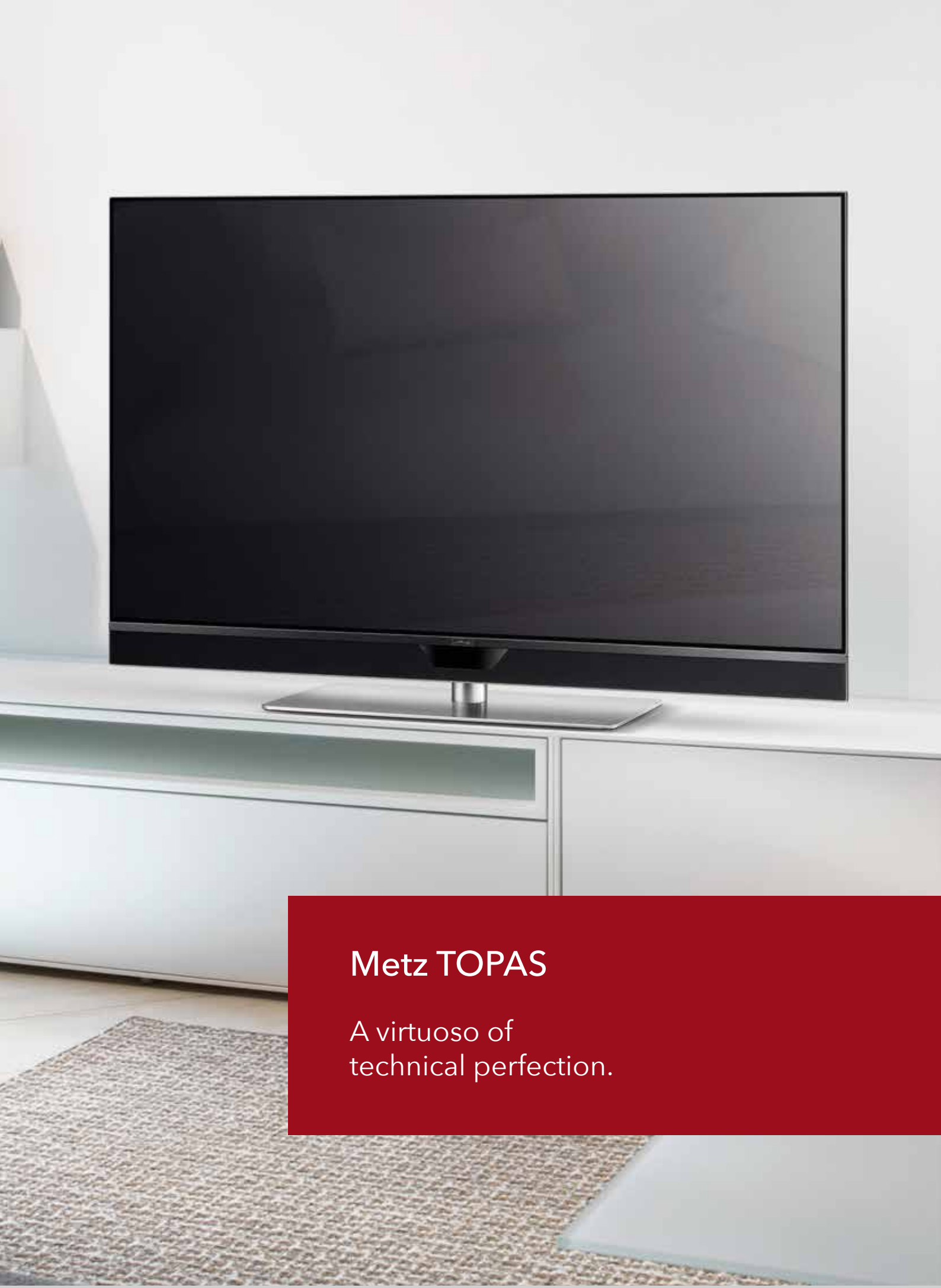
72 / ACCESSORIES

78 / SERVICE

82 / TECHNICAL GLOSSARY

84 / TECHNICAL SPECIFICATIONS

TV-PICTURE quality benchmark
METZ TOPAS 48 TY91
95,0 %
ÜBERRAGEND
video TESTLAB
16. APRIL 2021
Metz Topas 48 TY91 twin R
Referenzklasse 1,0
HEIMKINO
3/21
Preis/Leistung: sehr gut
SATVISION
Metz Topas 48 TY91 OLED twin R
SEHR GUT 92,2 %
48"-Ultra-HD-OLED-TV im Einzeltest – 04/2021
www.satvision.de
av magazin.de
Einzeltest 7/2021
Metz Topas 48TY91 OLED twin R
sehr gut - überragend
av magazin.de
Einzeltest 7/2021
Spitzenklasse
Metz Topas 48TY91 OLED twin R
av magazin.de
Einzeltest 7/2021
Highlight
Metz Topas 48TY91 OLED twin R



Metz TOPAS

A virtuoso of
technical perfection.

/ A combination of premium materials gives the Topas a harmonious look.

Brilliant black with brushed black aluminium trim and stylish metal base.
State of the art OLED technology facilitates a slim construction for puristic, aesthetic ambiences.
65", 55" and 48" screen sizes.

Metz TOPAS

Metz TOPAS

65“ | 55“ | 48“

Better TV details with HDR.

When good is not good enough: the Metz Topas offers TV pleasure to meet the highest of demands. With its OLED picture technology and extremely high UHD resolution, the Topas will bring outstanding sharpness and detail to 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.

An audible difference.

MetzSoundPro technology, developed by Metz, delivers the impressive sound quality to match. The Topas comes equipped with a 3-way semi-active system with integrated subwoofer, 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.

Basic configuration

Dolby Vision · HDR10+ · Advanced HDR by technicolor

OLED · 2000+ 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 · & LAN WLAN · media SYSTEM · Bluetooth® · Qualcomm aptX™

Energy efficiency category A–G: G

Technical data on page 84-87

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

Insight UHD

The best television experience you'll ever have: OLED

/ OLED

OLED panel technology delivers unprecedented image quality: there are 33 million sub-pixels in OLED screens, each of which can be individually controlled. 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. A 10-bit colour depth with significantly finer gradation ensures seamless transitions and bright, natural colour rendering – from every viewing 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, with HDR and 10-bit colour depth. Immerse yourself in the fascinating world of OLED.

UHD1 by ASTRA

UHD unique image sharpness

With a resolution of 3840 x 2160 pixels, Ultra High Definition means unique picture sharpness: UHD screens offer four times the resolution of full HD. 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 loss of quality. 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 all those who wish to experience the future of television – today.

Direct-LED optimised panel technology

Metz TVs feature specially designed and developed premium direct LED panels. Local dimming technology the separate dimming of the backlighting for individual panel segments. This ensures that the optimal brightness values can be set for each segment so that dark scenes and brilliant colours can be displayed realistically and naturally.

MetzVision smooth motion

Decades of experience in developing high-quality TVs meets state-of-the-art chip technology. Only the best, fastest processors operate in each TV set. Together with our MetzVision image technology, this strong foundation allows for excellent image quality, with the highest levels of sharpness, colour and contrast. And the optimised panels mean a tremendously broad range of viewing angles is possible. MetzVision also optimises image processing for the perfect display of quick movements; dynamic motion compensation (DMC) and image clarity optimisation guarantee the sharp, smooth rendering of motion.

HDR intense, vivid images

Making television breathtakingly beautiful: HDR! HDR stands for “high dynamic range” and provides pictures with a revolutionarily high dynamic range with 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. Greatly improved contrast ratio and finer gradients in colour depth visibly optimise colour reproduction: this is known as “10-bit colour depth”. Film scenes appear more natural, more vivid and more real than ever.

A more beautiful picture thanks to HDR

Alongside the most important static HDR systems (HDR10 and HLG), Metz Classic TVs also support all dynamic HDR systems. This means we are one of the few manufacturers to be able to offer the full range of demanding high dynamic range content.

HDR10+, Dolby Vision & Advanced HDR by Technicolor: What is dynamic metadata?

Televisions use static metadata to adjust the signal for an entire film, all based upon the scene with the highest brightness. However, using dynamic metadata (HDR10+™, Dolby Vision™, Advanced HDR by Technicolor®), the TV adjusts the signal scene by scene. This means the image will be more precisely adjusted to the individual characteristics of the TV screen, and each scene will be optimally displayed. Thus, HDR brings extraordinary colours, breathtaking contrast and impressive brightness to the screen – whether it's a Blu-ray™ disc or Video on Demand.

Optimum performance for a perfect TV experience

Our OLED TVs and all UHD models feature the most advanced processor that Metz has ever built: the SX8 Quad Core. It analyses colour, contrast and the accuracy of picture content within fractions of a second. Rapid processing delivers the perfect display of demanding HDR content with stunning colour rendering and the finest of gradations.

/ Fascination HDR

Dolby Vision

Developed by Dolby Laboratories, Dolby Vision® is reputed to be the most advanced HDR system on the market. Because the picture data and television are continuously adjusted, the maximum 12-bit colour depth and additional dynamic metadata provide the perfect presentation of compatible video content. This basically means that contrast values and colour saturation change from scene to scene, resulting in a brilliant film experience.

HDR10+™ augments the HDR10 standard by means of dynamic metadata. Dynamic HDR10+™ metadata adjusts the tone mapping curve scene by scene, enabling the best possible visual representation for each scene displayed.

Advanced HDR by technicolor

Advanced HDR by Technicolor® covers an entire range of technical solutions: it provides a broadcast-optimised HDR process with comprehensive technical possibilities. Furthermore, Advanced HDR by Technicolor® offers an HDR format that includes dynamic metadata. Advanced HDR by Technicolor® also includes proprietary technology for high-quality SDR to HDR conversion.

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Advanced HDR by Technicolor® is a designation and trademark, founded and 100% owned by Technicolor S.A. or its subsidiaries. Philips controls the market licensing of Advanced HDR by Technicolor by means of Technicolor technology and the trademark.

Metz **AURUS**

Fascination
meets character.

/ Concealed behind fine mesh: front-facing speakers in tried and tested two-way construction in a bass reflex enclosure ensure impressive sound.

Brilliant black with brushed aluminium, platinum-effect surround with a subtle, glossy border.
Acoustic fleece in anthracite conceals the soundbar, and the rotating glass foot provides stability.
55″ and 48″ screen sizes.

Metz AURUS

Metz AURUS

55“ | 48“

Viewing pleasure – exemplary and different.

TV quality made in Germany meets sophisticated technology: the Aurus OLED TV is equipped with the unmistakeable Metz Twin Tuner concept and is more than a match for the most demanding of TV requirements. UHD resolution (3840 x 2160 pixels) ensures hyper-realistic detail. The combination of sophisticated MetzVision image technology and 33 million OLED subpixels that can all be controlled individually brings pictures to life in a magnificent manner. Whether it’s films, series or sport – the most modern HDR standards such as Dolby Vision elevate the viewing experience to a never before seen level, and provide impressive contrasts and brilliantly vibrant colours.

Features for perfectionists. With a love for detail.

A formidable range of functions guarantees limitless TV enjoyment with the Aurus. Various connection options make the Aurus a versatile partner for your home entertainment setup, while the clever operating concept leaves no wish unfulfilled and can be adapted to your individual needs. The Aurus also appears in an aesthetically pleasing form: distinguished by its own design language and a focus upon high-quality, long-lasting materials, the Aurus will fit in pleasingly in your home. The powerful sound system with six front-facing speakers in two-way construction and bass reflex channel provides brilliant sound performance, concealed behind an exclusive acoustic fleece. MetzSoundPro technology guarantees clear highs and lows and distinct voice intelligibility.

Basic configuration

Dolby Vision · HDR10+ · Advanced HDR by technicolor

OLED · 1600+ MetzVision · UHD · HDR High Dynamic Range · 10 Bit Colour Depth · MetzSound PRO · 2× DVB C/T2/S2 · 2× CI+ · HD PIP

Recording TWIN REC · TIME SHIFT · Recording USB · & LAN WLAN · media SYSTEM · Bluetooth® · Qualcomm® aptX™

Energy efficiency category

Aurus 55

Aurus 48

Technical data on page 84-87

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/ The slim OLED panel creates an unobtrusive and graceful design.

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

/ Metz Sound

When picture and sound are in perfect harmony, television becomes a unique experience. That's why 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. You'll be amazed at the unique sound of your Metz television.

the Metz Sound crystal clear and powerful

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.

MetzSoundPlus impressive 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.

MetzSound PLUS

MetzSoundPro 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. Large speaker housings significantly enhance the bass reproduction. The Topas OLED's additional subwoofer brings even greater depth of sound into your living room.
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. With top notch enjoyment – for the ears too.

MetzSound PRO

/ Metz televisions feature only powerful speaker systems for an outstanding sound experience.

* Previous model

Metz **ALEGRA**

For TV experiences
that leave an impression.

/ The powerful soundbar with acoustic fleece combines technical perfection with elegant aesthetics

Graphite grey and black with aluminium trim and black metal surround.
The rotatable table stand in a brushed aluminum look allows for flexible positioning.
49″ and 43″ screen sizes.

Metz ALEGRA

Metz ALEGRA

49“ | 43“

Picture and sound harmoniously combined.

The extremely high UHD resolution (3840 x 2160 pixels) with HDR, 10-bit colour depth and local dimming will make your picture perfect: brilliant, natural colours and impressive contrast included – the 100 Hz direct LED panel provides optimum performance. A slimline soundbar with six high-performance front-facing speakers produces impressive sound too. MetzSoundPro technology with a sealed 2-way system and bass reflex channel delivers crystal-clear trebles and rich bass frequencies.

A design for connoisseurs – features for discerning users.

The combination of aluminium trim and aluminium-finished stand bestows a tasteful look upon the Alegra. Equipped with numerous connectors, WiFi and a twin multi-tuner that accommodates all current reception types, the Metz Alegra is the perfect all-rounder for your home cinema: the Alegra is also equipped with *Bluetooth*®, offering you even more flexibility. It also comes with a larger integrated hard drive (1 terabyte) and thus provides copious space for storing your film collection.

Basic configuration

Dolby Vision · HDR10+ · Advanced HDR by technicolor

Direct LED · Local Dimming · 1200 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 · & LAN WLAN · media SYSTEM · Qualcomm aptX

Energy efficiency category A G

Technical data on page 84-87

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/ The Alegra will fit harmoniously into any living environment, setting sublime accents with its graceful appearance.

Become your own program director.

/ Timeshift

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". You dictate the viewing schedule!

Digitalrecorder watch when you want

With the Metz digital recorder (PVR) you can be your own programme director – and operating it is child's play. You need never miss your favourite shows again. The timeshift function enables you to pause and resume live TV whenever you feel like it and as often as you wish. The combination of twin recording function and integrated PVR, which is unique on the television market, also allows you to record up to two programmes while watching another on a different channel.[1]

integrated PVR REC Recording TWIN REC

USB recording flexible 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.

Recording USB

[1] Limited channel availability while recording is in progress. Only on one transponder and only if there is no restriction due to CI encryption.

/ TV on your terms.

Play the program

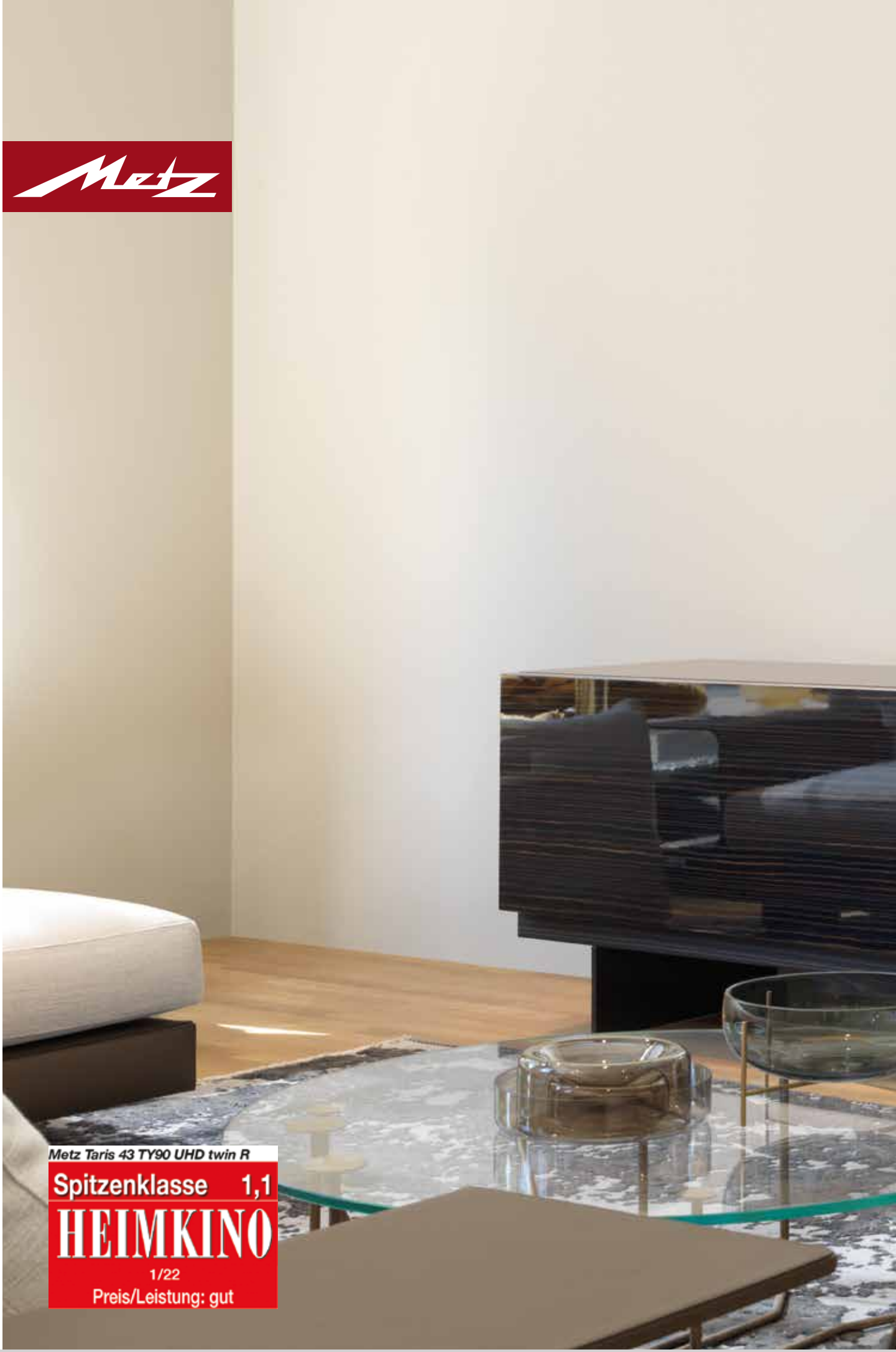
You decide how to watch your TV programmes. Your Metz makes you independent of the program schedule: once you've stopped or rewound a program, it only continues when you want it to. All it takes is a touch of the button on your remote control, and you're back at the heart of the action.

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 (digital 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.


Metz Taris 43 TY90 UHD twin R
Spitzenklasse 1,1
HEIMKINO
1/22
Preis/Leistung: gut

Metz TARIS

For captivatingly
individual TV moments.

/ The red design element on the additional OLED display sets a striking tone.

Brilliant black with a silver anodised, brushed aluminium surround and a subtle, glossy border.
The fine metal front of the soundbar and the rotating stand look both sturdy and elegant.
50″ and 43″ screen sizes.

Metz TARIS

Metz TARIS

50" | 43"

TV moments – as unique as you.

Our Taris is available in 43" and 50", and features a direct LED display as well as extremely high UHD resolution (3840 x 2160 pixels). HDR and 10-bit colour depth not only markedly improve the picture, they perfect it: with brilliant and natural colours and stunning contrasts. Optimised panel technology, developed especially for Metz, provides optimal backlighting thanks to direct LED technology and local area dimming that allow panel segments to be controlled individually – for hitherto unmatched LCD picture quality. A vast range of convenient functions – such as the integrated digital recorder with 500 gigabytes of storage – round off this exceptional television.

Memorable aesthetics meet technical finesse.

The Taris' very own design language ensures it will also be aesthetically pleasing to individualists. The sonorous and surprisingly powerful sound system is concealed by an elegant metal cover that is tilted slightly back to add an intriguing visual accent. Six front-facing two-way speakers with bass reflex channels provide another reason for acoustic delight: MetzSoundPro technology guarantees crystal-clear trebles and rich bass frequencies. The red design element on the additional OLED display follows the striking, unmistakable brand colour scheme and emphasises the television's unique aesthetic.

Basic configuration

HDR10+ · Advanced HDR by technicolor · Direct LED · Local Dimming · 800 MetzVision · UHD · HDR High Dynamic Range · 10 Bit Colour Depth · MetzSound PRO · 2× DVB C/T2/S2 · 2× CI+ · HD PIP · integriert PVR REC · Recording TWIN REC · TIME SHIFT · Recording USB · & LAN WLAN · media SYSTEM · Bluetooth · Qualcomm aptX

Energy efficiency category A G

Technical data on page 84-87

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/ The beautifully shaped, rotating glass stand encased in sturdy aluminium is of the highest quality that we have ever built.

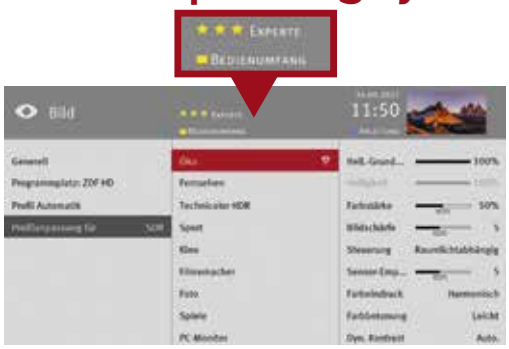
/ Operating is intuitive and convenient with the clearly designed RM19 remote control.

Experience operation and technology effortlessly.

/ User-friendliness

With Metz, the versatile possibilities of modern television are child's play. And that is why we have designed Metz televisions to be self-explanatory. However, if anything isn't quite clear, the operation guide integrated in the menu display (blue button on the remote control) can help you. It provides concise descriptions of the various functions. Poring over the manual for hours on end is a thing of the past with Metz – not least because of the excellent, user-friendly Tri-Star operating system, which you can customise to suit your personal preferences. You can also conveniently operate compatible external devices with your Metz TV remote control thanks to HDMI-CEC. This intelligent control function sends commands from your remote control to the relevant external device via HDMI cable.

Tri-Star operating system as simple as you want it to be



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.

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 a Range depend on model nd user-friendly. The operating steps are always easy to understand, and you will always find functions and settings where you would expect. In addition to the familiar "standard" colour scheme, we now also offer a "dark" option. This night mode makes content easy to read even in dark rooms. Metz is synonymous with TVs that are a pleasure to use every day.

/ Individual operating philosophy.

Function assignment freely programmable

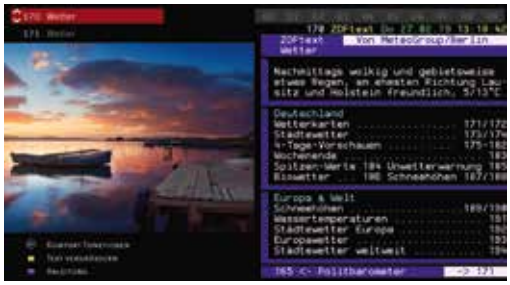
Thanks to the individually configurable function button,[2] your Metz television adapts perfectly to your needs. Frequently-used menu functions, channels, AV sources and much more can be stored on one of the 30 available places and can be accessed quickly and easily on demand. This unique operating system 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.

programme guide electronically integrated [1]

The programme preview can be displayed in two different ways: in the familiar list view or in the new grid view. The list view offers three additional views: in the order on your channel list, each channel separately, or sorted by the start time of each programme. The new grid view offers an improved overview of several channels and has various zoom increments. A calendar view can also be selected in order to choose a specific programme on a specific day. Particularly convenient: by simply "clicking" on a programme, you can record this on the digital recorder or set a reminder for the start of the programme.

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

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.



[1] Scope depends upon the model
[2] Remote control type is dependent on model: RM18 – 1 F button / RM19 – 3 F buttons

* Previous model

Metz **CALEA**

Excitement
in every detail.

Metz

Graphite grey and black with polished aluminium trim and black aluminum surround. The beautifully shaped, rotating table stand gives it a stable base. 49" and 43" screen sizes.

Metz CALEA

Metz CALEA

49“ | 43“

For picture-perfect TV moments.

Exciting screen technology: the Metz Calea comes equipped with an Ultra High Definition panel and 3840 x 2160 pixel resolution that promises a remarkably sharp television experience. Newly developed especially for the leading quality standards of Metz TVs, the panel technology with direct LEDs guarantees a visibly better picture and improved performance. 400 MetzVision picture technology provides rich details and contrast. Local area dimming increases contrast and guarantees improved energy efficiency.

Sound and features for individualists.

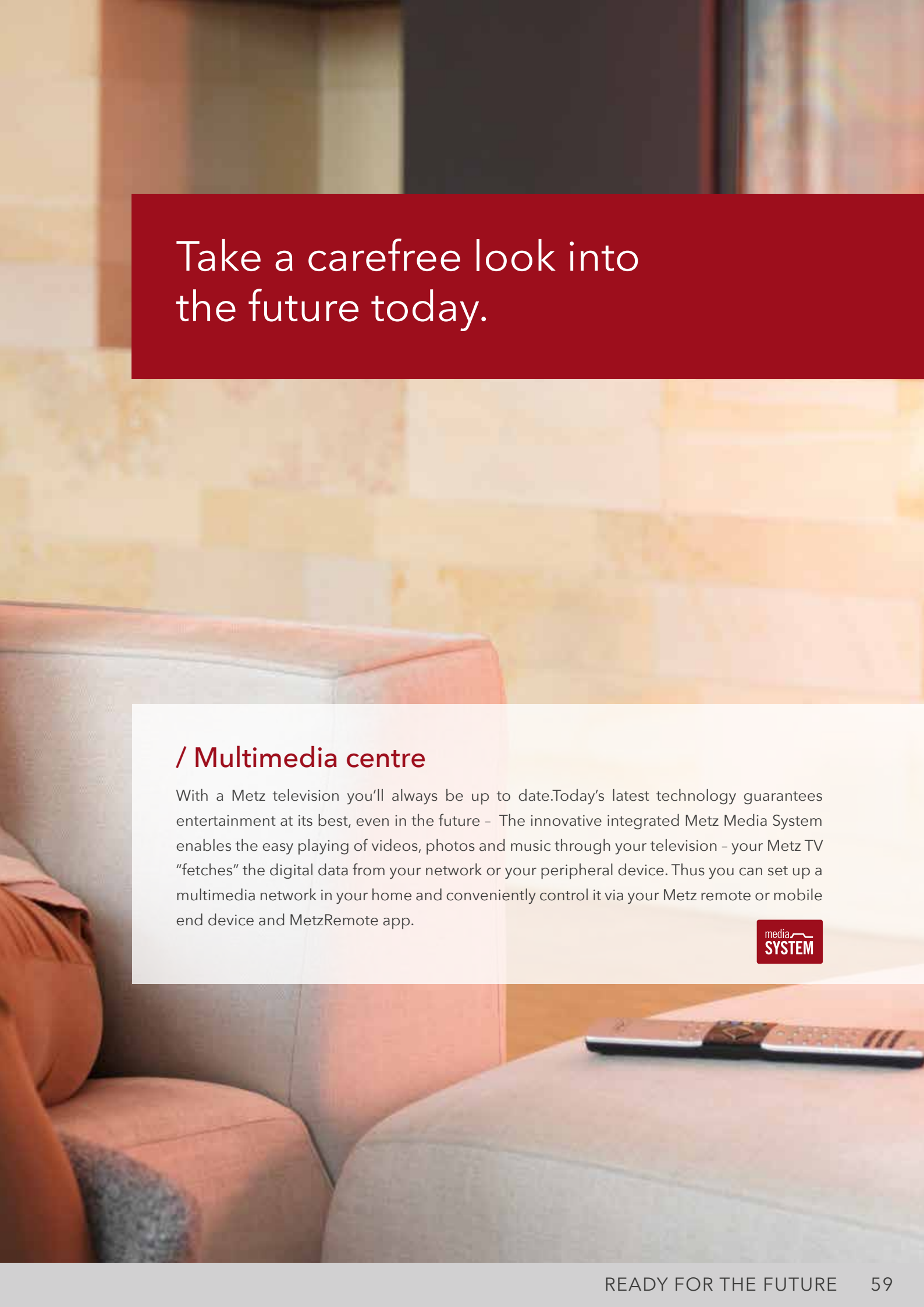
Comprehensive MetzSoundPro technology with sealed 2-way system and bass reflex channel deliver crystal clear trebles and rich bass frequencies that bring sound to life through the six front-facing speakers. The Calea’s numerous connectors make it a versatile all-rounder: three HDMI connectors (one with an ARC), two USB sockets and a cinch connector keep things flexible. The intuitive Metz operating concept can be customised to suit individual preferences and provides access to numerous functions, such as USB recording or timeshifted viewing. WiFi, access to online services and a twin multi-tuner (2 x DVB-C/T2/S2) that equips the television for all current reception technologies round off the Calea.

Basic configuration

Energy efficiency category

Technical data on page 84-87

/ The elegant, graphite-grey acoustic fleece emphasises the subtle design and lends the Calea a noble aesthetic, which is completed by the high-quality rotating table base made of metal and glass.



Take a carefree look into the future today.

/ Multimedia centre

With a Metz television you'll always be up to date.Today's latest technology guarantees entertainment at its best, even in the future – The innovative integrated Metz Media System enables the easy playing of videos, photos and music through your television – your Metz TV "fetches" the digital data from your network or your peripheral device. Thus you can set up a multimedia network in your home and conveniently control it via your Metz remote or mobile end device and MetzRemote app.

media SYSTEM

/ A simple press of the red button on your RM18 remote control makes viewing an entirely new experience thanks to extensive additional information.

/ Included in your television.

Videos

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

Photos

View photos easily thanks to the convenient slideshow function in the Metz Media System: and you can do this from a USB device, digital camera, 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 Metz Media System

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.

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 Formate

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

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

/ Features for a more convenient TV experience.

Twin Multi Tuner two programmes 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.

HD PIP

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

Wireless listening pleasure *Bluetooth*®

Qualcomm® aptX™

No more cable spaghetti: *Bluetooth*® technology in Metz televisions means you can pair *Bluetooth*® headphones directly with the television. 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.

Multiroom TV function for your home network

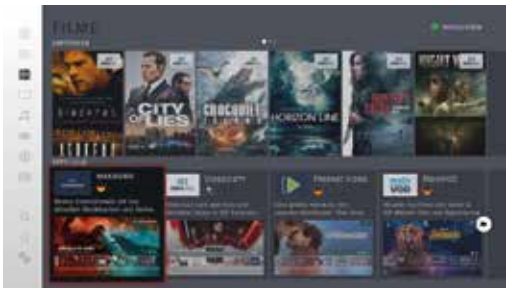
A program running on a Metz television with a network function and PVR can also be watched on another television or compatible playback device. This can be done if you start to watch a program on your main device and then take it to another compatible device within your home network using the multiroom 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.

MULTI ROOM

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.

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

Smart TV portal your gateway to the multimedia world



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.

Video-on-Demand Enjoy films and series

Simply watch films online. Your Metz smart TV enables you to directly access a large selection of content via integrated HD streaming services such as Videociety or Maxdome: both providers who offer the very latest blockbusters and TV series. 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 service from TuneIn

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.

/ Smarter television viewing.

MetzRemote App smart operation

MetzRemote provides all the functions of the convenient Metz remote control in various, easy-to-read display views. 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 Internet Timer you can simply use your smartphone to do it. All you need to do is register once under record.metz.de using your TV activation code. 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 smart decisions

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. 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.

Metz CALEA compact

The essence
of television.

/ Concealed here is a front speaker system that is unique in this size class.

Graphite grey and black with black anodised trim and black aluminium surround.
A beautifully shaped, rotating table stand gives it a stable base.
In compact 32″ screen size.

Metz CALEA compact

Metz CALEA compact

32“

An introduction to the world of premium television – redefined.

In addition to an aesthetic, timeless design, the Calea also offers compact, intuitive operation and modern technology: sophisticated panel technology with LED backlighting ensures optimum energy efficiency, while full HD resolution guarantees a sharp, detailed TV experience. Covered with grey acoustic fleece, the soundbar conceals a front speaker system that is unique in this size class. The two-way system paired with Metz’s own MetzSoundPlus technology results in a rich sound with clean trebles and basses and distinct voice intelligibility.

Technology and design combined – in a space-saving 32 inches.

The Calea compact can be connected to the internet via WiFi and LAN. It includes an integrated multi-tuner (DVB-C/-T2/-S2) and programmes can easily be recorded using an external USB drive. With a silver, anodised, brushed aluminium surround and a rotating table stand with cylindrical column, the Calea compact reveals its very own design language. For all those looking for compact dimensions without having to compromise on convenience and technology.

Basic configuration

Energy efficiency category

Technical data on page 84-87

/ The Calea's boasts an impressive design language even in its smaller format. The rotating metal and glass table stand gives it an air of timeless elegance.

Decorative and ingenious: Metz TV mount solution.

Accessories TV stand rack 99KY00

– Rack W × H × D: 53,0×114,0×53,0 cm
– Weight: 20,7 kg
– Colour: Silver/black
– Rotation angle: +/– 45°
– Recommended for all screen sizes of the Topas, Aurus, Alegra, Fineo, Taris, Calea, Micos, Planea families and Cosmo 43

/ The Fineo with the new, optionally available metal stand.

Optional designer metal table stand

Accessories Metal stand 99KA50/65

Kept in a low-key, elegant black, the new table stand model offers a surprising look and feel. Attractive and solid: the stable, rotatable metal stand offers a very individual look.

The optional table stand is now available in two sizes. Use the adapter supplied with the purchased device for mounting.

– 99KA50 – for 43" to 50" devices / dimensions (W x H): 49 x 30cm / weight: 6.8kg
– 99KA65 – for 55" to 65" devices / dimensions (W x H): 57 x 30cm / weight: 8.0kg
– Colour: Black
– Rotation angle: +/– 45°

/ Optional extensions.

TV streaming solutions

Access to unlimited content

Example: Fire TV Stick interface

Experience films and series with Netflix, Amazon Prime or Disney+: with an inconspicuous external solution for video on demand services, these and many more sources of content are available to you – ultra-fast in UHD. Thanks to clever integration you can enjoy full control of TV streaming services such as Apple TV, Google Chromecast or the Fire TV Stick using your Metz remote control via HDMI CEC, as well as incorporation into the TV menu structure. Practical and sustainable: if the system eventually becomes obsolete, all you need to do is replace the external solution in a cost- and resource-efficient manner.

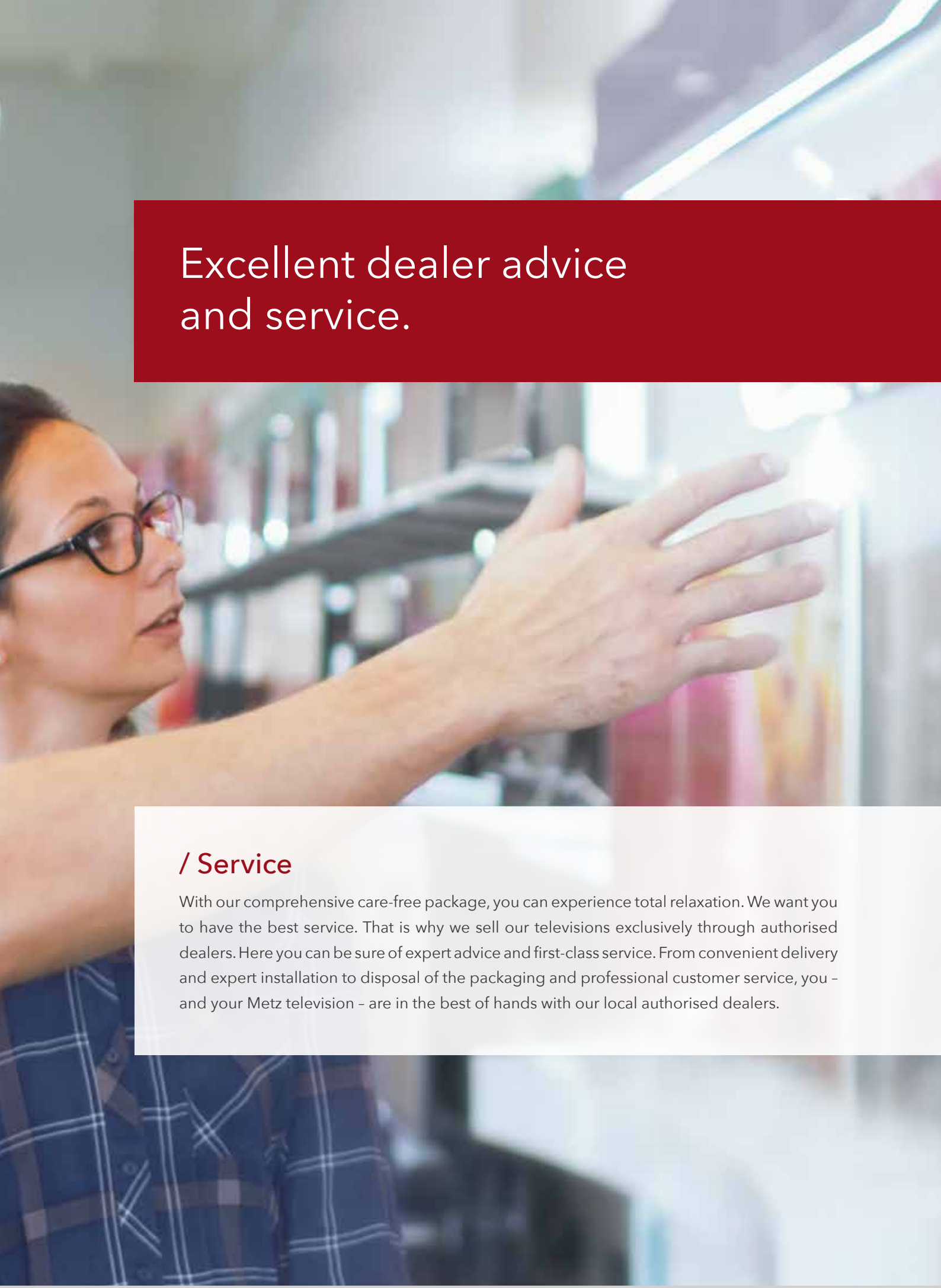
NETFLIX prime video Disney+ and much more

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.

Wall mount panel/braces for a VESA wall holder, picture depends on the device.

Netflix is a registered trademark of Netflix, Inc. Prime Video is a trademark of Amazon.com, Inc. or its affiliates. The Disney+ logo is an online video streaming subscription service owned and operated by Disney Streaming Services, a subsidiary of The Walt Disney Company.



Excellent dealer advice and service.

/ Service

With our comprehensive care-free package, you can experience total relaxation. 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. 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 – an award-winning brand

Special Retailer of the year 2020 & 2021

In 2020 & 2021, the Plus X Award "Special Retailers' Award of the Year" was presented to the Metz brand in the TV category. The winner is selected by means of a Germany-wide survey of retailers, and rewards brands that notably maintain responsible, collaborative trading relationships.

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 2019

Manufacturer's overall rating
Consumer Electronics

Rank 2019	Rank 2017	Producers	Grade
1.	1.	Metz Classic [1]	1,60
2.	4.	Panasonic	2,36
3.	–	METZ blue [1]	2,42
4.	3.	TechniSat	2,49
5.	5.	Grundig	3,23
6.	7.	Sony	3,23
7.	6.	Samsung	3,57
8.	10.	Philips TP Vision	3,77
9.	8.	LG	4,00
10.	9.	Hisense	4,20
Average			3,09

Current result. Next election expected in 2022.
Source: markt intern Verlag GmbH, Redaktion Unterhaltungselektronik

Performance certificate 2019

Full- and multi-range supplier
Consumer Electronics

[1] In the last election, the company Metz Consumer Electronics GmbH not only won overall with the brand Metz Classic, but also achieved third place with the second brand METZ blue.

/ You can rely on Metz.

Metz 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.

ZERTIFIKAT

DEKRA

Metz

ISO 9001:2015

DEKRA Certification GmbH bescheinigt hiermit, dass die Organisation

Metz Consumer Electronics GmbH

Zertifizierter Bereich:
Entwicklung, Produktion und Vertrieb von TV-Geräten

Zertifizierter Standort:
Ohmstraße 55, 90513 Zirndorf, Deutschland

ein Qualitätsmanagementsystem entsprechend der oben genannten Norm eingeführt hat und aufrechterhält. Der Nachweis wurde mit Auditbericht-Nr. A21061300 erbracht.

Zertifikats Registrier-Nr.: 91015574/3 Zertifikat gültig vom: 03.12.2021
Gültigkeit vorheriges Zertifikat: 08.10.2021 Zertifikat gültig bis: 08.10.2024

Dr. Gerhard Nagel
DEKRA Certification GmbH, Stuttgart, 03.12.2021

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

Seite 1 von 1

Certificate for quality management system ISO 9001:2015

Metz integrated solutions

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 CO2 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.

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.

Digital 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).

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.

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).

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:

Innovative technology explained simply.

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.
Edge LED: the light-emitting diodes are positioned around the edge and a light distribution system ensures that the panel is evenly lit. This system provides good picture quality while allowing for a narrow profile and high energy efficiency.
Direct LED: the light emitting diodes are distributed directly behind the LCD panel, across the entire surface. This allows for the most even illumination and the highest brightness values. Metz uses direct LED panels that have been specially designed to meet our high quality standards and that feature local dimming zones. This provides highest contrast and even better 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.

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 "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.

Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.

	Metz TOPAS (Page 10)		
	Topas 65 TY91 OLED twin R	**Topas 55 TY91 OLED twin R**	**Topas 48 TY91 OLED twin R**
Picture technology			
Display technology	OLED technology	OLED technology	OLED technology
Diagonal screen size (cm/inch)	164/65"	140/55"	121/48"
UHD 3840×2160 / Full HD 1920×1080	•/–	•/–	•/–
HDR standards: HDR10/HLG/Technicolor®/HDR10+™/Dolby Vision™	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•
Image Technology Index	MetzVision 2000	MetzVision 2000	MetzVision 2000
Contrast ratio max.	2.500.000 : 1	2.500.000 : 1	2.500.000 : 1
Automatic contrast control Picture content / ambient light	•/•	•/•	•/•
Panel brightness max. in cd/m²	1000	1000	900
Viewing angle type	180°	180°	180°
Response time type. ms (GTG)	1	1	1
HD-PIP	•	•	•
Sound technology			
Music power output (watts)	2 × 30 + 1 × 30 (Subwoofer)	2 × 30 + 1 × 30 (Subwoofer)	2 × 30 + 1 × 30 (Subwoofer)
Integrated speakers	6 + 1 Subwoofer	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	RM19
Hard disk recorder incl. Timeshift	1 TB	1 TB	1 TB
USB recording incl. Timeshift	•	•	•
Power switch / Internet timer	•/•	•/•	•/•
OLED plain text display / Illuminating diode	•/•	•/•	•/•
Electronic program guide (EPG) / digital channels	•/alle	•/alle	•/alle
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™	•	•	•
Connectivity			
HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC	4/1	4/1	4/1
USB 2.0 (typ. 500 mA, max. 1000mA) / USB 3.0 (typ. 900, max. 1000mA)	1/2	1/2	1/2
LAN Network connection (RJ 45)	•	•	•
S/PDIF digital audio output / Audio output	•/•	•/•	•/•
Headphone socket	•	•	•
AV input (FBAS/L/R) jack 3,5mm	•	•	•
Power consumption			
Mains voltage	230-240V/50Hz	230-240V/50Hz	230-240V/50Hz
Power consumption in use (in delivery condition, SDR) [W]	146	115	89,0
Power consumption in standby mode [W]	0,15	0,15	0,15
Energy efficiency category ON-mode (SDR) - spectrum A till D	G	G	G
Dimensions / weight			
Width [cm]	144,7	122,7	106,9
Height with base / without base [cm]	95,2 / 89,5	82,0 / 77,0	73,0 / 68,2
Depth with base / without base [cm]	30,0 / 7,7	30,0 / 7,5	30,0 / 7,0
Width and height base [cm]	57,0 x 30,0	57,0 x 30,0	49,0 x 30,0
Weight with base / without base [kg]	31,7 / 27,2	25,0 / 20,8	16,4 / 13,8
Other information			
Wallmount VESA [cm] / Mounting points	30 × 30 / 4	30 × 20 / 4	30 × 30 / 4
Wall mounting set Order no.	618990024.A1[1]	618990024.A1[1]	618990024.A1
Mercury concentration in mg	0,0	0,0	0,0
Contains lead (within statutory prescriptive limits)	•	•	•

[1] In connection with an external wall mount, a VESA adaptation set is required. You can obtain this from your specialist dealer.

• Standard product feature

	Metz AURUS (Page 22)		Metz ALEGRA (Page 32)	
	Aurus 55 TY88 OLED twin	**Aurus 48 TY88 OLED twin**	**Alegra 49 TY87 UHD twin R**	**Alegra 43 TY87 UHD twin R**
Picture technology				
Display technology	OLED technology	OLED technology	LCD-TV with Direct LED	LCD-TV with Direct LED
Diagonal screen size (cm/inch)	140/55"	121/48"	123/49"	108/43"
UHD 3840×2160 / Full HD 1920×1080	•/–	•/–	•/–	•/–
HDR standards: HDR10/HLG/Technicolor®/HDR10+™/Dolby Vision™	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•
Image Technology Index	MetzVision 1.600	MetzVision 1.600	MetzVision 1200	MetzVision 1200
Contrast ratio max.	2.500.000 : 1	2.500.000 : 1	1.500.000 : 1	1.000.000 : 1
Automatic contrast control Picture content / ambient light	•/•	•/•	•/•	•/•
Panel brightness max. in cd/m²	900	900	800	600
Viewing angle type	180°	180°	178°	178°
Response time type. ms (GTG)	1	1	5	5
HD-PIP	•	•	•	•
Sound technology				
Music power output (watts)	2 × 30	2 × 30	2 × 20	2 × 20
Integrated speakers	6	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/ •	RM19	RM19
Hard disk recorder incl. Timeshift	–	–	1 TB	1 TB
USB recording incl. Timeshift	•	•	•	•
Power switch / Internet timer	•/•	•/•	•/•	•/•
OLED plain text display / Illuminating diode	•/•	•/•	•/•	•/•
Electronic program guide (EPG) / digital channels	•/alle	•/alle	•/alle	•/alle
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	2 × DVB-C/T2/S2
UHDTV / HDTV integrated	•/•	•/•	•/•	•/•
Number of CI+ enabled CI slots	2	2	2	2
Media / network functions				
Metz Media System / HbbTV 1.5	•/•	•/•	•/•	•/•
Streaming (Server/Client)	• (•/•)	• (•/•)	• (•/•)	• (•/•)
MetzRemote app	•	•	•	•
Internet radio	TuneIn	TuneIn	TuneIn	TuneIn
Smart TV portal / Browser	Foxxum/•	Foxxum/•	Foxxum/•	Foxxum/•
LAN / WiFi (IEEE 802.11 a/b/g/n/ac ; 2,4GHz and 5,0GHz)	•/•	•/•	•/•	•/•
Bluetooth® with Qualcomm® aptX™	•	•	•	•
Connectivity				
HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC	4/1	4/1	4/1	4/1
USB 2.0 (typ. 500 mA, max. 1000mA) / USB 3.0 (typ. 900, max. 1000mA)	1/2	1/2	1/2	1/2
LAN Network connection (RJ 45)	•	•	•	•
S/PDIF digital audio output / Audio output	•/•	•/•	•/•	•/•
Headphone socket	•	•	•	•
AV input (FBAS/L/R) jack 3,5mm	•	•	•	•
Power consumption				
Mains voltage	230–240V/50Hz	230–240V/50Hz	230–240V/50Hz	230–240V/50Hz
Power consumption in use (in delivery condition, SDR) [W]	86	88	93	73
Power consumption in standby mode [W]	0,18	0,18	0,15	0,15
Energy efficiency category ON-mode (SDR) - spectrum A till D	F	G	G	G
Dimensions / weight				
Width [cm]	122,7	106,9	109,6	96,3
Height with base / without base [cm]	80,5 / 77,0	71,5 / 68,2	74,0 / 69,2	66,4 / 61,9
Depth with base / without base [cm]	30,0 / 7,6	30,0 / 7,0	30,0 / 8,2	30,0 / 8,1
Width and height base [cm]	57,0 x 30,0	49,0 x 30,0	49,0 x 30,0	49,0 x 30,0
Weight with base / without base [kg]	24,4 / 20,5	20,4 / 17,3	19,8 / 16,8	16,7 / 13,7
Other information				
Wallmount VESA [cm] / Mounting points	30 × 20 / 4	30 × 30 / 4	20 × 20 / 4	20 × 20 / 4
Wall mounting set Order no.	619990028.A1[1]	619990028.A1[1]	619990028.A1	619990028.A1
Mercury concentration in mg	0,0	0,0	0,0	0,0
Contains lead (within statutory prescriptive limits)	•	•	•	•

– Not available

	Metz TARIS (Page 42)	
	Taris 50 TY84 UHD twin R	**Taris 43 TY90 UHD twin R**
Picture technology		
Display technology	LCD-TV with Direct LED	LCD-TV with Direct LED
Diagonal screen size (cm/inch)	126/50"	108/43"
UHD 3840×2160 / Full HD 1920×1080	•/–	•/–
HDR standards: HDR10/HLG/Technicolor®/HDR10+™/Dolby Vision™	•/•/•/•/–	•/•/•/•/–
Image Technology Index	MetzVision 800	MetzVision 800
Contrast ratio max.	1.000.000 : 1	1.000.000 : 1
Automatic contrast control Picture content / ambient light	•/•	•/•
Panel brightness max. in cd/m²	800	600
Viewing angle type	178°	178°
Response time type. ms (GTG)	5	5
HD-PIP	•	•
Sound technology		
Music power output (watts)	2 × 20	2 × 20
Integrated speakers	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/•
Hard disk recorder incl. Timeshift	500 GB	500 GB
USB recording incl. Timeshift	•	•
Power switch / Internet timer	•/•	•/•
OLED plain text display / Illuminating diode	•/•	•/•
Electronic program guide (EPG) / digital channels	•/alle	•/alle
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™	•	•
Connectivity		
HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC	4/1	4/1
USB 2.0 (typ. 500 mA, max. 1000mA) / USB 3.0 (typ. 900, max. 1000mA)	1/2	1/2
LAN Network connection (RJ 45)	•	•
S/PDIF digital audio output / Audio output	•/•	•/•
Headphone socket	•	•
AV input (FBAS/L/R) jack 3,5mm	•	•
Power consumption		
Mains voltage	230-240V/50Hz	230-240V/50Hz
Power consumption in use (in delivery condition, SDR) [W]	88	74
Power consumption in standby mode [W]	0,15	0,15
Energy efficiency category ON-mode (SDR) - spectrum A till D	G	G
Dimensions / weight		
Width [cm]	112,0	96,3
Height with base / without base [cm]	74,0 / 70,5	65,1 / 61,7
Depth with base / without base [cm]	30,0 / 8,2	30,0 / 8,2
Width and height base [cm]	49,0 x 30,0	49,3 x 30,0
Weight with base / without base [kg]	21,1 / 17,5	16,7 / 13,7
Other information		
Wallmount VESA [cm] / Mounting points	20 × 20 / 4	20 × 20 / 4
Wall mounting set Order no.	619990028.A1	619990028.A1
Mercury concentration in mg	0,0	0,0
Contains lead (within statutory prescriptive limits)	•	•

• Standard product feature

	Metz CALEA (Page 52)		Metz CALEA compact (Page 66)
	Calea 49 TY64 UHD twin	Calea 43 TY64 UHD twin	Calea compact 32 TZ39
Picture technology			
Display technology	LCD-TV with Direct LED	LCD-TV with Direct LED	LCD-TV with LED-Techn.
Diagonal screen size (cm/inch)	123/49"	108/43"	80/32"
UHD 3840×2160 / Full HD 1920×1080	•/–	•/–	–/•
HDR standards: HDR10/HLG/Technicolor®/HDR10+™/Dolby Vision™	•/•/–/–/–	•/•/–/–/–	–/–/–/–/–
Image Technology Index	MetzVision 400	MetzVision 400	MetzVision 200
Contrast ratio max.	700.000 : 1	700.000 : 1	600.000 : 1
Automatic contrast control Picture content / ambient light	•/•	•/•	–/•
Panel brightness max. in cd/m²	600	500	350
Viewing angle type	178°	178°	178°
Response time type. ms (GTG)	5	5	8
HD-PIP	•	•	–
Sound technology			
Music power output (watts)	2 × 20	2 × 20	2 × 12
Integrated speakers	6	6	4
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	–	–	–
USB recording incl. Timeshift	•	•	•
Power switch / Internet timer	•/•	•/•	•/–
OLED plain text display / Illuminating diode	–/•	–/•	–/•
Electronic program guide (EPG) / digital channels	•/alle	•/alle	•/max. 50
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	1 × DVB-C/T2/S2
UHDTV / HDTV integrated	•/•	•/•	–/•
Number of CI+ enabled CI slots	2	2	1
Media / network functions			
Metz Media System / HbbTV 1.5	•/•	•/•	–/•
Streaming (Server/Client)	• (•/•)	• (•/•)	• (–/•)
MetzRemote app	•	•	–
Internet radio	TuneIn	TuneIn	Radioline
Smart TV portal / Browser	Foxxum/•	Foxxum/•	Opera/–
LAN / WiFi (IEEE 802.11 a/b/g/n/ac ; 2,4GHz and 5,0GHz)	•/•	•/•	•/•
Bluetooth® with Qualcomm® aptX™	–	–	–
Connectivity			
HDMI socket with HDCP 2.2 (4K 60/50p 4:4:4) / and with ARC	3/1	3/1	3/1
USB 2.0 (typ. 500 mA, max. 1000mA) / USB 3.0 (typ. 900, max. 1000mA)	1/1	1/1	2/0
LAN Network connection (RJ 45)	•	•	•
S/PDIF digital audio output / Audio output	•/•	•/•	•/•
Headphone socket	•/–	•/–	•/•
AV input (FBAS/L/R) jack 3,5mm	•	•	•
Power consumption			
Mains voltage	230–240V/50Hz	230–240V/50Hz	230–240V/50Hz
Power consumption in use (in delivery condition, SDR) [W]	85	74	37
Power consumption in standby mode [W]	0,15	0,15	0,12
Energy efficiency category ON-mode (SDR) - spectrum A till D	G	G	G
Dimensions / weight			
Width [cm]	109,5	96,3	72,9
Height with base / without base [cm]	74,1 / 69,2	66,5 / 61,9	54,0 / 43,0
Depth with base / without base [cm]	30,0 / 8,4	30,0 / 8,1	24,0 / 5,5
Width and height base [cm]	49,0 x 30,0	49,0 x 30,0	43,0 x 24,0
Weight with base / without base [kg]	18,0 / 15,4	15,4 / 12,8	9,4 / 7,1
Other information			
Wallmount VESA [cm] / Mounting points	20 × 20 / 4	20 × 20 / 4	10 × 10 / 4
Wall mounting set Order no.	619990028.A1	619990028.A1	615990066.A1
Mercury concentration in mg	0,0	0,0	0,0
Contains lead (within statutory prescriptive limits)	•	•	•

– Not available

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