

BROADCAST HANDMADE IN GERMANY

PROFESSIONAL
AUDIO PRODUCTS
SINCE 1924





Perfect sound, handcrafted.

From the very beginning pure and natural sound has been the highest priority at beyerdynamic. The result: in Germany developed and produced, hand crafted products, with legendary sound and quality.

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M 58

DYNAMIC ENG/EFP MICROPHONE



- Moving coil transducer
- Internal shockmount reduces handling noise
- Extended frequency response with rising high-end for maximum intelligibility
- Rugged construction
- Non-reflective finish
- Weight-balanced, slim-profile design
- Makrofol® diaphragm
- Aluminum housing

TECHNICAL DATA	M 58
Transducer type	Dynamic
Operating principle	Pressure
Frequency response	40 - 20,000 Hz
Polar pattern	Omnidirectional
Nominal impedance	200 Ω
Load impedance	≥ 200 Ω
Connection	3-pin XLR, Male
Dimensions	
Length	260 mm
Diameter	23 mm
Weight	256 g

M 59

DYNAMIC DIRECTIONAL MICROPHONE FOR CRITICAL DEMANDS



- Hypercardioid polar pattern
- Low mass, large diaphragm
- Fast transient response for increased sonic accuracy
- Internal shockmount reduces handling noise
- Tailored frequency response for rich, crisp sound
- Enhanced-Field Rare Earth Magnet for high output and sensitivity
- Non-glare Nextel® finish
- Macrolon® diaphragm
- Aluminum housing

TECHNICAL DATA	M 59
Transducer type	Dynamic
Operating principle	Pressure gradient
Frequency response	50 - 16,000 Hz
Polar pattern	Hypercardioid
Nominal impedance	200 Ω
Load impedance	≥ 1,000 Ω
Rear attenuation at 1 kHz	> 25 dB at 120°
Connection	3-pin XLR, Male
Dimensions	
Length	205 mm
Diameter	24/32 mm
Weight	227 g

MCE 58

ELECTRET CONDENSER MICROPHONE
FOR ENG/EFP



- Omnidirectional/polar pattern
- High output level
- Rugged construction
- Slim Design
- Battery powering 1.5 V

TECHNICAL DATA	MCE 58
Transducer type	Condenser (Back-Electret)
Operating principle	Pressure
Frequency response	40 - 20,000 Hz
Polar pattern	Omnidirectional
Nominal impedance	370 Ω (unbalanced)
Load impedance	$\geq 2,000 \Omega$
Max. SPL at 1 kHz	132 dB
Signal-to-noise ratio rel.	60 dB
Power supply	1.5 V battery (type AA/LR 6)
Current consumption	20 mA
Operating time with battery type LR 6 (2300 mAh)	80 h
Output	Unbalanced
Connection	3-pin XLR, Male
Dimensions	
Length	260 mm
Diameter	25 mm
Weight	200 g

M 99

LARGE DIAPHRAGM DYNAMIC MICROPHONE



- Hypercardioid polar pattern
- Switchable presence accentuation and equalisation for bass drum
- Extremely linear frequency response
- Rugged construction
- Integrated elastic suspension
- Hostaphan® diaphragm
- Aluminum diecast housing

TECHNICAL DATA	M 99
Transducer type	Dynamic
Operating principle	Pressure gradient
Frequency response	30 - 18,000 Hz
Polar pattern	Hypercardioid
Nominal impedance	280 Ω
Load impedance	$\geq 1,000 \Omega$
Connection	3-pin XLR, Male
Dimensions	
Length	163 mm
Diameter	23/25 mm
Weight	421 g

MC 840

LARGE DIAPHRAGM MICROPHONE WITH
GOLD VAPORISED DOUBLE MEMBRANE



- Five selectable polar patterns
- Elastic transducer suspension system
- Switchable attenuator pad
- Two position low frequency roll-off

TECHNICAL DATA	MC 840
Transducer type	Condenser
Operating principle	Pressure gradient
Frequency response	30 - 20,000 Hz
Polar pattern	Switchable: Omnidirectional / Wide cardioid / Cardioid / Hypercardioid / Figure eight
Nominal impedance	180 Ω
Max. SPL at 1 kHz	Without pre-att.: 127 dB With -10 dB pre-att.: 137 dB With -20 dB pre-att.: 147 dB
Signal-to-noise ratio rel. to 1 Pa	approx. 70 dB
Power supply	11 - 52 V Phantom power
Connection	3-pin XLR, Male
Dimensions	
Length	165 mm
Diameter	37 mm
Weight	286 g

MC 910

MC 930

MC 950

SMALL DIAPHRAGM TRUE CONDENSER MICROPHONE



- Omnidirectional / Cardioid / Hypercardioid polar pattern
- Switchable pre-attenuation -15 dB
- Switchable low-cut filter at 250 Hz
- Slight treble boost (MC 910)
- Gold vaporised 4 µm Mylar® diaphragm
- Phantom power supply 11 - 52 V

TECHNICAL DATA	MC 910	MC 930	MC 950
Transducer type	Condenser		
Operating principle	Pressure	Pressure gradient	
Frequency response	30 - 20,000 Hz	40 - 20,000 Hz	
Polar pattern	Omnidirectional	Cardioid	Hypercardioid
Nominal impedance	180 Ω		
Load impedance	≥ 1,000 Ω		
Max. SPL at 1 kHz	127 dB	125 dB	124 dB
Max. SPL at 1 kHz with pre-attenuation	142 dB	140 dB	139 dB
Signal-to-noise ratio rel. to 1 Pa	69 dB	71 dB	72 dB
Power supply	11 - 52 V Phantom power		
Current consumption	4,6 mA		
Connection	3-pin XLR, Male		
Dimensions			
Length	128 mm		
Diameter	21 mm		
Weight	115 g		

TG I53c

SMALL DIAPHRAGM
ELECTRET-CONDENSER MICROPHONE



- High SPL capability
- Carbon fibre reinforced housing
- Slim design

TECHNICAL DATA	TG I53c
Transducer type	Condenser (Electret)
Operating principle	Pressure gradient
Frequency response	20 - 20,000 Hz
Polar pattern	Cardioid
Nominal impedance	200 Ω
Max. SPL at 1 kHz	140 dB
Signal-to-noise ratio at 1 Pa	71 dB
Power supply	12 - 48 V Phantom power
Power consumption	4.7 mA
Connection	3-pin XLR, Male
Dimensions	
Length	100 mm
Diameter	19.5 mm
Weight	36 g

MCE 82

STEREO ELECTRET MICROPHONE



- Stereo microphone for XY-recording
- Two condenser capsules back electret with cardioid polar pattern
- Angular width 90° (± 45° of the microphone axis)
- Elastic transducer suspension system
- Switchable bass roll off
- Battery or phantom powered
- LED indicator for battery condition
- Rugged metal housing

TECHNICAL DATA	MCE 82
Transducer type	Condenser (Back-Electret)
Operating principle	Pressure gradient
Frequency response	50 - 20,000 Hz
Recording	XY-Stereophony
Polar pattern	2 x Cardioid, axis angle 90°
Nominal impedance	200 Ω
Load impedance	≥ 1,000 Ω
Max. SPL at 1 kHz	128 dB
Signal-to-noise ratio rel. to 1 Pa	62 dB
Power supply	11 - 52 V Phantom power or 1.5 V battery (Mignon AA/LR 6)
Current consumption	approx. 3 mA per channel / approx. 25 mA (battery)
Output	Balanced
Connection	5-pin XLR, Male
Connecting cable	
Input	5-pin XLR, Female
Output	2 x 3-pin XLR, Male
Dimensions	
Length	220 mm
Diameter	27/38 mm
Weight (without cable and battery)	205 g

MCE 72 SERIES

STEREO ELECTRET CONDENSER MICROPHONE

The MCE 72 is a compact stereo microphone for XY recording with a wide and linear frequency response producing uncoloured, high-quality recordings. The MCE 72 is suitable for stereo recording in home studio applications, concert recordings with DAT or MD, film, video and interviewing.

For musicians the MCE 72 is an excellent microphone for assessing performance in rehearsals, production and concerts. For stereo ambient sound recording, the microphone is suitable for direct connection to most camcorders, DAT and MD recorders.

The MCE 72 is available in three versions.

TECHNICAL DATA	MCE 72 (CAM)	MCE 72 PV CAM
Transducer type	Condenser (Back-Electret)	
Operating principle	Pressure gradient	
Frequency response	60 - 20,000 Hz	
Recording	XY-Stereophony	
Polar pattern	2 x Cardioid, axis angle 120°	
Nominal impedance	180 Ω	
Load impedance	> 1,000 Ω	
Max. SPL at 1 kHz	120 dB	
Signal-to-noise ratio rel. to 1 Pa	approx. 60 dB	
Power supply	1.5 V battery (Mignon AA/LR 6)	11 - 52 V Phantom power
Current consumption	12 mA	3.7 mA per channel
Operating time with battery type LR 6 (2300 mAh)	approx. 75 h	-
Output	Unbalanced, capacitor decoupled	Balanced
Connection	5-pin XLR, Male	
Connecting cable		
Input	5-pin XLR, Female	
Output	3.5 mm mini jack	2 x 3-pin XLR, Male
Dimensions		
Length	196 mm	136 mm
Diameter	25 mm	
Weight (without cable and battery)	175 g	135 g

- XY-Stereophony
- Two cardioid condenser capsules
- Angular width 120° (± 60° off the microphone axis)
- Rugged metal housing
- Plug-in connecting cable (5-pin XLR)
- Battery powered (MCE 72 & MCE 72 CAM)
- Battery indicator LED (MCE 72 & MCE 72 CAM)
- Phantom powered 11 - 52 V (MCE 72 PV CAM)

MCE 72 BATTERY POWERED



MCE 72 CAM BATTERY POWERED, FOR VIDEO CAMERAS



MCE 72 PV CAM PHANTOM POWERED FOR VIDEO CAMERAS



MCE 85 SERIES

NEW

ELECTRET-CONDENSER SHOTGUN MICROPHONE

Developed for professional indoor and outdoor audio recordings, the MCE 85 combines superior quality and excellent polar patterns in a rugged yet lightweight aluminium housing. A high-quality electret condenser microphone capsule inside the shotgun microphone ensures exceptionally precise sound reproduction.

The microphone is available in two variants:

- MCE 85 BA (battery powered)
- MCE 85 BA Full Camera Kit
- MCE 85 PV (phantom powered)

MCE 85 BA BATTERY OR PHANTOM POWERED



MCE 85 PV PHANTOM POWERED



Both MCE 85 variants are supplied with microphone clamp MKV 108 and windscreen WS 85.



- High sensitivity
- Rugged yet lightweight aluminum housing
- Non-glare durable coating
- Switchable low-cut filter 6 dB/Octave at 120 Hz (MCE 85 BA) / 160 Hz (MCE 85 PV)
- ON-/OFF-switch for battery power (MCE 85 BA)
- Battery-check-LED (MCE 85 BA)
- DC/DC Converter for stable output signal (MCE 85 BA)
- 160 hours battery operation (MCE 85 BA)
- Phantom powered 11 - 52 V (MCE 85 PV)
- Battery- or phantom powered (MCE 85 BA)

TECHNICAL DATA	MCE 85 BA	MCE 85 PV
Transducer type	Condenser (Back-Electret)	
Operating principle	Pressure gradient	
Frequency response	34 - 19,000 Hz	40 - 19,000 Hz
Polar pattern	Supercardioid / Lobe	
Nominal impedance	20 Ω	200 Ω
Load impedance	$\geq 100 \Omega$	$\geq 1 \text{ k}\Omega$
Max. SPL at 1 kHz	115 dB	118 dB
Signal-to-noise ratio rel. to 1 Pa	74 dB (A-weighted, RMS)	75 dB (A-weighted, RMS)
Power supply	11 - 52 V phantom power or 1.5 V battery (Mignon AA/LR 6)	11 - 52 V phantom power
Current consumption	3.7 mA / 20 mA (battery)	2.4 mA, typ.
Operating time with battery type LR 6 (2300 mAh)	160 h	-
Connection	3-pin XLR, Male	
Dimensions		
Length	284 mm	200 mm
Diameter	23 mm	
Weight (without cable and battery)	110 g	81 g

MCE 85 BA FULL CAMERA KIT

NEW

COMPLETE KIT FOR VIDEO CAMERAS



MCE 85 BA including Rycote Universal Camera Kit – Everything within one carry-case.

The Rycote Universal Camera Kit is an all-in-one suspension and windshield kit for DV-cameras with miniscreen windshield, windjammer, InVision video Hot Shoe and Multi-purpose shock mount fitting – essential for professional requirements, to achieve perfect audio recordings.

The MCE 85 BA Full Camera Kit contains:

- 1 x MCE 85 BA
- 1 x AA Battery
- 1 x Cable MVK 86-K3 with 3-pin XLR to 3-pin mini-jack
- 1 x Rycote Miniscreen Windshield
- 1 x Rycote Miniscreen Windjammer
- 1 x Rycote Camera Mic Clamp / Hot Shoe Adapter
- 1 x Rycote InVision Video Hot Shoe
- 1 x Rycote Hot Shoe Extension
- 1 x 1/4" Rycote Adapter with 19 mm washer
- 1 x Rycote Hot Shoe 3/8" Adapter
- 1 x Rycote InVision Video Hot Shoe

The technical specifications please refer to page 15.

MC 836 MC 837

TRUE CONDENSER SHOTGUN MICROPHONE



- Lobe / Cardioid polar pattern (MC 836)
- Lobe polar pattern (MC 837)
- Very wide frequency response
- Low frequency roll-off switch
- Phantom power supply 11 - 52 V

TECHNICAL DATA	MC 836	MC 837
Transducer type	Condenser	
Operating principle	Pressure gradient / line transducer technique	
Frequency response	40 - 20,000 Hz	
Polar pattern	Lobe / Cardioid	Lobe
Nominal impedance	180 Ω	
Load impedance	$\geq 1,000 \Omega$	
Max. SPL at 1 kHz	> 130 dB	
Power supply	11 - 52 V Phantom power	
Current consumption	4,3 mA	
Connection	3-pin XLR, Male	
Dimensions		
Length	248 mm	516 mm
Diameter	21 mm	
Weight (without cable)	116 g	218 g

SHM 930 & STF 900

CONDENSER GOOSENECK MICROPHONE AND
STAND WITH INTEGRATED XLR CONNECTION

SHM 930

- Cardioid polar pattern
- Excellent audio quality
- High gain before feedback
- Switchable pre-attenuation of -15 dB
- Switchable bass roll-off filter, 6 dB/octave at 250 Hz
- Phantom power supply 11 - 52 V
- Length 500 mm



STF 900

- Slim casting base plate
- Adjustable height 90 - 160 cm
- Integrated 3-pin female XLR connection for gooseneck microphones
- Interior cable routing
- Base plate with integrated sound insulation
- Weight 3.3 kg
- Supplied without microphone



TECHNICAL DATA	SHM 930
Transducer type	Condenser
Operating principle	Pressure gradient
Frequency response	40 - 20,000 Hz
Polar pattern	Cardioid
Nominal impedance	≤ 180 Ω
Load impedance	≥ 1,000 Ω
Max. SPL at 1 kHz	125 dB
Signal-to-noise ratio rel. to 1 Pa	62 dB
With pre-attenuation	140 dB
Power supply	11 - 52 V Phantom power
Current consumption	4.6 mA
Connector	3-pin XLR, Male
Dimensions	
Length	500 mm
Pre-amp diameter	22 mm
Weight	238 g

M 130 / M 160

RIBBON MICROPHONES



- Double ribbon microphone
- Compact & robust design
- Characteristically warm and natural sound
- Superb transient response
- Extended & balanced frequency response
- Excellent transparency

TECHNICAL DATA	M 130	M 160
Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response	40 - 18,000 Hz	
Polar pattern	Figure eight	Hypercardioid
Nominal impedance	200 Ω	
Load impedance	≥ 1.000 Ω	
Membrane	Pure aluminium	
Housing	Brass	
Connection	3-pin XLR, Male	
Dimensions		
Length	128 mm	156 mm
Diameter	23 mm	
Weight	150 g	156 g

MCE 10

MCE 60

TG L55c

LAVALIERE MICROPHONE



MCE 10

MCE 60

TG L55c

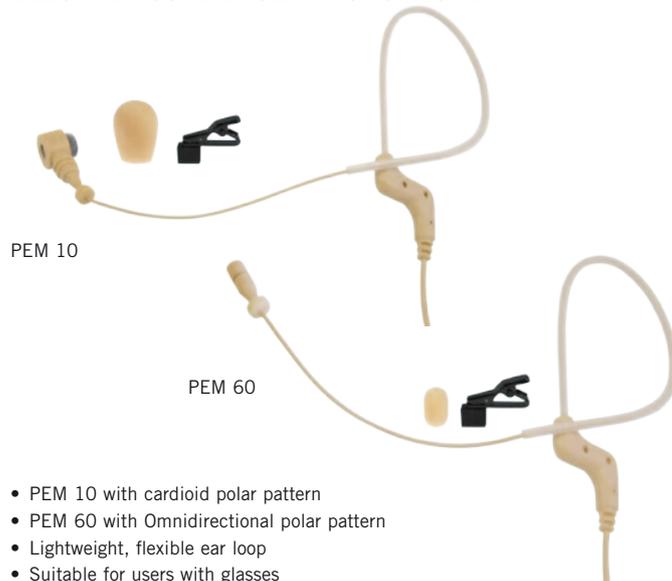
- High performance miniature condenser microphone
- Wide range frequency response
- Hypercardioid polar response provides excellent gain before feedback (MCE 10)
- Omnidirectional directional polar pattern (MCE 60 / TG L55c)
- Splash-proof capsule design (TG L55c)
- Extremely small size
- High sensitivity
- Easily interfaces with wireless body-pack transmitters

TECHNICAL DATA	MCE 10	MCE 60	TG L55c
Transducer type	Condenser (Back-Electret)		
Operating principle	Pressure gradient	Pressure	
Frequency response	40 - 20,000 Hz	25 - 20,000 Hz	30 - 20,000 Hz
Polar pattern	Hypercardioid	Omnidirectional	
Nominal impedance	≤ 200 Ω		650 Ω
Load impedance	≥ 1,000 Ω		> 3.5 Ω
Max. SPL 1 kHz	120 dB	138 dB	
Equivalent SPL	approx. 26 dB		29 dB
Connection	4-pin Mini XLR, Female		
Dimensions			
Length	21 mm	12.3 mm	14.6 mm
Diameter	9 mm	7 mm	7.7 mm
Weight	15 g	1.5 g	32 g

PEM 10

PEM 60

EAR CLIP WITH ELECTRET CONDENSER MICROPHONE



PEM 10

PEM 60

- PEM 10 with cardioid polar pattern
- PEM 60 with Omnidirectional polar pattern
- Lightweight, flexible ear loop
- Suitable for users with glasses
- Unobtrusive design in beige
- Suitable for use with belt-pack transmitters

TECHNICAL DATA	PEM 10.18 SC	PEM 60.18 SC
Transducer type	Condenser (Electret)	
Operating principle	Pressure gradient	Pressure
Frequency response	20 - 20,000 Hz	
Polar pattern	Cardioid	Omnidirectional
Nominal impedance	1,100 Ω + 30% (at 1 kHz)	
Max. SPL 1 kHz	130 dB	124 dB
Signal-to-noise ratio rel.to1Pa	56 dB	57 dB
Power supply	1 - 10 V (RL = 2,200 Ω)	
Connection and cable	4-pin Mini XLR, Female, 1 m (3.4 ft.) length	
Weight (with cable and connector)	18 g	

M 69 TG / M 88 TG

THE LEGENDS



- Wide range frequency response
- Excellent sensitivity
- Low feedback
- Integrated -20 dB humbucking filter (M 88 TG)
- Hostaphan® diaphragm
- Brass housing

TECHNICAL DATA	M 69 TG	M 88 TG
Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response	50 - 16,000 Hz	
Polar pattern	Hypercardioid	
Nominal impedance	200 Ω	
Load impedance	≥ 1,000 Ω	
Rear attenuation at 1 kHz	> 23 dB at 120°	
Connection	3-pin XLR, Male	
Dimensions		
Length	182 mm	181 mm
Diameter	25.5 mm	
Weight	320 g	

M 201 TG

DYNAMIC ALL-ROUND MICROPHONE



- Clarity, neutrality and superior intelligibility
- Rugged construction
- Integrated humbucking filter
- Hostaphan® diaphragm
- Brass housing

TECHNICAL DATA	M 201 TG
Transducer type	Dynamic
Operating principle	Pressure gradient
Frequency response	40 - 18,000 Hz
Polar pattern	Hypercardioid
Nominal impedance	200 Ω
Load impedance	≥ 1,000 Ω
Max. SPL at 1 kHz	125 dB
Rear attenuation at 1 kHz	> 20 dB at 120°
Connection	3-pin XLR, Male
Dimensions	
Length	160 mm
Diameter	24 mm
Weight	220 g

MICROPHONE ACCESSORIES

MICROPHONE CABLE

BMC 007 FM BLK	Standard microphone cable 0.7 m length	Art.-No. 706.981
BMC 05 FM BLK	Standard microphone cable 5.0 m length	Art.-No. 434.787
BMC 10 FM BLK	Standard microphone cable 10.0 m length	Art.-No. 434.795

CONNECTING CABLE

MVK 72-K3	Microphone cable with 5-pin XLR socket and mini stereo jack plug (3.5 mm), 0.35 m length	Art.-No. 470.643
MVK 82-K3	Microphone cable with 5-pin XLR socket and mini stereo jack plug (3.5 mm), 2.5 m length	Art.-No. 450.949
MVK 82-N(CM)	Microphone cable with 5-pin XLR socket and 2 x 3-pin XLR plugs, 2.5 m length	Art.-No. 448.966
MVK 82-N(CM)	same as above, but 0.5 m length	Art.-No. 481.777
MVK 86-K3	Microphone cable with 3-pin XLR female and stereo mini-jack (3.5 mm), 0.35 m length	Art.-No. 479.268
MVK 87-K3	Microphone cable with 3-pin XLR female and stereo mini-jack (3.5 mm), 2.5 m length	Art.-No. 481.661

POP- AND WINDSCREENS

PS 88	Popscreen for M 69/88 TG, charcoal-grey	Art.-No. 111.414
Softie	Windscreen Rycote Softie, 12 cm for MCE 85 BA, MCE 85 PV, black	Art.-No. 708.291
WS 53	Windscreen (small) for MC 910/930/950, MCE 530, TG I53c, charcoal grey	Art.-No. 436.607
WS 58 AZ	Windscreen for M 58, charcoal-grey	Art.-No. 404.632
WS 58 BL	Windscreen for M 58, blue	Art.-No. 415.596
WS 58 GE	Windscreen for M 58, yellow	Art.-No. 415.251
WS 58 GN	Windscreen for M 58, green	Art.-No. 415.618
WS 58 WS	Windscreen for M 58, white	Art.-No. 406.821



WS 59 WS	Windscreen for M 59, white	Art.-No. 419.133
WS 59 GE	Windscreen for M 59, yellow	Art.-No. 419.109
WS 59 RT	Windscreen for M 59, red	Art.-No. 419.125
WS 59 BL	Windscreen for M 59, blue	Art.-No. 419.095
WS 59 GN	Windscreen for M 59, green	Art.-No. 419.117
WS 59 AZ	Windscreen for M 59, charcoal-grey	Art.-No. 419.087

POP- AND WINDSCREENS

WS 72 AZ	Windscreen for MCE 72, charcoal-grey	Art.-No. 565.016
WS 85 BLK	Windscreen for MCE 85 BA, MCE 85 PV, black	Art.-No. 708.283
WS 91 AZ	Windscreen for MCE 58, charcoal-grey	Art.-No. 451.029
WS 101	Windscreen for MC 910/930/950, M 201 TG, charcoal-grey	Art.-No. 111.244
WS 716	Windscreen for MC 836, MCE 86, charcoal-grey	Art.-No. 134.538
WS 717	Windscreen for MC 837, charcoal-grey	Art.-No. 134.511
WS 740/834	Windscreen for M 99, charcoal-grey	Art.-No. 401.994

WINDSCREENS AND WINDJAMMERS

KWS 4 SET	Windscreen set consisting of EAP MEDIUM, KWS 4 and WJ 4 for MC 836, MCE 86 II and MCE 85 PV	Art.-No. 477.850
KWS 5 SET	Windscreen set consisting of EAP MEDIUM, KWS 4, KWS EXT 1 and WJ 5 for MCE 86 S II and MCE 85 BA	Art.-No. 477.869



KWS 8 SET	Windscreen set consisting of EAP MEDIUM, KWS 4, KWS EXT 4 and WJ 8 for MC 837	Art.-No. 477.877
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SEPARATE PARTS

WJ 82	Windjammer for MCE 82, hair length 40 mm	Art.-No. 475.637
WJ 86	Windjammer additional windscreen, fits to WS 716, hair length 40 mm	Art.-No. 475.629

MICROPHONE ACCESSORIES



MICROPHONE STANDS

- ST 99 Stand, 3/8", with 3 solid footrests, perfect for i.e. kick drum. Art.-No. 471.917
- STF 900 Stand with slight base-plate, integrated female XLR plug, internal cable run, black, suitable for SHM 930 (see page 18) Art.-No. 485.756

THREADED ADAPTER



- NR. 215 5/8"A-3/8" 1/2" (pictured left)
5/8" outer and 3/8" / 1/2" inner diameter . . . Art.-No. 245.623
- NR. 216 3/8"A-5/8" 1" (pictured middle)
3/8" outer and 5/8" inner diameter. Art.-No. 111.465
- NR. 217 5/8"A-3/8" 1" (pictured right)
5/8" outer and 3/8" inner diameter. Art.-No. 111.473

FISHPOLE BOOMS



- MZA 717 Light fishpole boom made of non-glare black aluminum. Adjustable from 0.61 m to max. 1.59 m (2 - 5.22 ft.), weight 300 g, incl. transport bag Art.-No. 400.807
- MZA 718 Same as MZA 717, but adjustable from 0.93 m to 3.20 m (3.05 - 10.50 ft.), weight 800 g, incl. transport bag. Art.-No. 406.260

SPECIAL MICROPHONE MOUNTS



- MAV 800 Clip 3/8" for hanging installation (from the ceiling) of microphones (pictured with microphone) Art.-No. 448.133



- MAV 802 Multi-purpose mounting for two microphones in stereo recordings Art.-No. 453.323

MECHANICAL ACCESSORIES



- EA 19/25 Elastic suspension for shaft diameter of 19 - 25 mm, incl. MKV 11 Art.-No. 407.194
- EA 37 Elastic suspension for MC 840 Art.-No. 452.955



- EA 86 Elastic suspension with flash holder BS 86. . Art.-No. 407.186
- BS 86 Set for flash holder (pictured right) Art.-No. 460.370



- EA 90 Elastic suspension for M 99 (Ø 57 mm) Art.-No. 452.270
- MKV 5 Microphone clamp for MCE 10, black Art.-No. 453.994
- MKV 7 Microphone clamp for MCE 60, black Art.-No. 453.978
- MKV 8 Microphone clamp for shaft diameter of 22 - 32 mm, black Art.-No. 407.216
- MKV 9 Microphone clamp for shaft diameter of 19 - 21 mm, black Art.-No. 407.224
- MKV 11 Microphone clamp for shaft diameter of 32 - 42 mm, black Art.-No. 407.232



- MKV 55 BLK Microphone clamp for TG L55c, black Art.-No. 470.511
- MKV 55 SC Microphone clamp for TG L55c tan, beige . . Art.-No. 480.479



- MKV 87 Patented microphone clamp with thread for 3/8"-adapter Art.-No. 459.356

TG 1000

THE NEW DIGITAL WIRELESS SYSTEM

TG 1000 is beyerdynamic's first 24-bit digital wireless system, which covers an impressive 319 MHz of the UHF bandwidth (470 - 789 MHz). With these two features alone, TG 1000 is a hugely flexible system which can be used in a wide variety of venues worldwide, competently and reliably. Combine this with a wealth of user-friendly features designed to enhance your performance and TG 1000 becomes your go-to wireless system regardless of application.



TG 1000 DUAL RECEIVER



- OneButton Navigation
- CrystalClear Display
- SecurityFirst
- 24-Channel Cascading
- TriplePlay Codec
- Chameleon Software
- Safe long-term investment

TECHNICAL DATA	TG 1000 Dual Receiver
Operating principle	Digital UHF true diversity receiver
Frequency range	
Region A	470 - 789 MHz
Region B	470 - 698 MHz without 608 - 614 MHz (US TV channel 37)
Region C	690 - 720 MHz
Region D	470 - 628 MHz and 710 - 716 MHz
Region E	470 - 714 MHz
Frequency response	20 - 20,000 Hz
Dynamic range	116 dB
Output level	max. + 18 dBu balanced (XLR and jack output) 0 to 30 dB digital gain + 12 dB analogue boost
Headphone output	switchable with volume control
Total latency	2.1 ms (from transmitter to receiver)
Encryption & Audio codec	switchable, proprietary encryption; "TriplePlay Codec" with low latency (1.2 ms) and high error resilience
Display	OLED
Mains connection	100 V - 240 V AC
Power consumption	12 W (typ.)
Ambient temperature	0 to +55°C
Weight	3,200 g
Dimensions	420 x 242 x 43 mm
Antenna connection	2x BNC Input / 2x BNC Output

TG 1000 HANDHELD / BELTPACK TRANSMITTER



- Digital two-channel UHF true diversity receiver
- 319 MHz bandwidth
- 2,1 ms total latency
- Suitable for 19" rack mounting, 1 U
- BNC In/Outputs
- XLR & jack outputs
- TriplePlay Codec for low latency (1.2 ms), high error resilience and finest audio quality
- Looping through the antenna signals of up to 12 receivers
- Status display (battery, transmitter type, microphone capsule)
- Browser control and monitoring via integrated web server
- Encrypted data transmission

TECHNICAL DATA	TG 1000 Handheld Transmitter	TG 1000 Beltpack Transmitter
Operating principle	Digital UHF Handheld Transmitter	Digital UHF Beltpack Transmitter
Frequency range	same as receiver	
Frequency response	20 - 20,000 Hz	
Antenna connection	-	SMA
Encryption & Audio codec	same as receiver	
Transmitter power	10 mW / 50 mW	
Display	OLED	
Transmission range	up to 300 meters (depends on location)	
Operating time	approx. 8 hrs.	
Input level	-	max. + 18 dBu
Weight	152 g (without batteries and microphone capsule)	102 g (without batteries)
Dimensions	Length 200 mm / Ø 36 mm	94 x 59 x 26 mm

TG 1000 INTERCHANGEABLE MICROPHONE CAPSULES



CAPSULE	TG V50w	TG V56w	TG V70w	TG V90w	TG V96w
Transducer type	Dynamic	Condenser (Electret)	Dynamic	Ribbon	Condenser
Polar Pattern	Cardioid		Hyper- cardioid	Cardioid	
Application	Speech & Singing				

MORE PRODUCT SERIES

beyerdynamic installation microphones
www.beyerdynamic.com/installationmicrophones



Touring Gear Microphone Series –
 The Best Live Microphone Series we've ever built
www.beyerdynamic.com/touringgear



DT 1350

SUPRAAURAL MONITORING HEADPHONE
WITH TESLA TECHNOLOGY

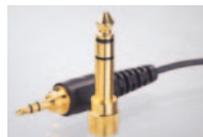


DT 1350 CC



- Excellent ambient noise attenuation
- Flexible split headband
- 90° swivelling earcups
- Single-sided PUR (Polyurethan) cable
- Soft-Skin earpads and headband for good wearer comfort
- DT 1350: straight cable
- DT 1350 CC: coiled cable

SUPPLIED ACCESSORIES



1/4" (6.35 mm) jack adapter



Flight adapter



Nylon carry case

TECHNICAL DATA	DT 1350	DT 1350 CC
Transducer type	Dynamic	
Operating principle	Closed	
Frequency response	5 - 30,000 Hz	
Nominal impedance	80 Ω	
Nominal SPL	109 dB	
Max. SPL	129 dB	
Klirrfaktor	< 0.2%	
Power handling capacity	100 mW	
Sound coupling to ear	Supraaural (on the ear)	
Ambient noise isolation	approx. 23 dBA	
Nominal headband pressure	approx. 5.5 N	
Cable	1.5 m (4.92 ft) straight	2.5 m (8.2 ft) coiled
Connection	Mini stereo jack plug (3.5 mm) with 1/4" adapter (6.35 mm), incl. In-flight adapter 2 x mini jack plug	
Weight (without cable)	174 g	

DT 1350 ACCESSORIES

EAR PADS



EDT 1350 SL Softskin, black (standard),
extra large diameter, 67 mm Art.-No. 910.376



EDT 51p Softskin, black,
normal diameter, 63 mm Art.-No. 912.603



EDT 1350 N Nubuk leatherette, black,
normal diameter, 63 mm Art.-No. 908.363

HEADBAND PAD



Headband pad Self-adhesive, black Art.-No. 913.200

EXTENSION CABLE



DT-Extension Studio purpose extension cable, 3.0 m (9.8 ft.),
heavy duty PUR (polyurethane) jacket,
3.5 mm stereo socket with screw thread,
6.35 mm (1/4") adapter included Art.-No. 705.869

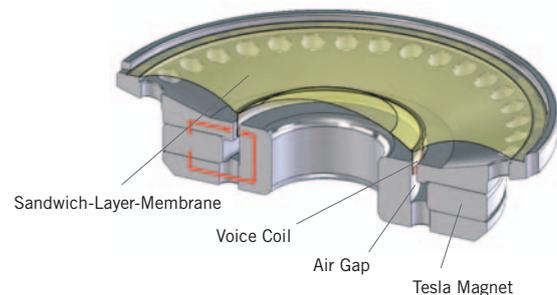


TESLA TECHNOLOGY

The completely re-engineered Tesla sound transducers help achieve almost loss-less magnetic flux. This is made possible by the brand new system geometry, which allows the transfer of magnetic force to the voice coil to be as efficient as possible. Traditional dynamic systems use a neodymium magnet at the centre of the system, the size of which was inevitably limited inside the voice coil. The Tesla principle sees the magnet mounted as a ring around the coil, allowing more energy to be directed to the membrane, which is exactly where it is required.

The exceptionally pure sound produced by the Tesla systems is the result of the close attention to countless small details. Especially noteworthy is the ring-shaped magnet which allows a drill-hole directly behind the centre of the membrane in order to minimise disruptive resonances. The use of a special, multilayer membrane effectively suppresses unwanted partial vibrations and resultant distortion.

Another special feature of the Tesla systems is their full-metal design. This prevents any uncontrolled resonances in any part of the casing, which might in turn distort the sound. The metal also protects the device against electrical interference.



DT 700 SERIES



HEADSETS

- Pivotal, flexible gooseneck for optimal positioning
- Neutrik Connectors
- Optionally available with Limiter (see page 52)
- Robust, easy serviceable construction as all parts are replaceable
- Excellent ambient noise attenuation
- Single-sided cable
- Comfortable fit due to rugged, adjustable, soft padded headband construction
- Softskin, circumaural ear pads

TECHNICAL DATA	DT 790	DT 797 PV
Transducer type	Dynamic	
Operating principle	Closed	
Frequency response	5 - 30,000 Hz	5 - 35,000 Hz
Nominal impedance	80 Ω	80 Ω / 250 Ω
Nominal SPL	105 dB	96 dB
Nominal T.H.D	< 0.2%	
Power handling	100 mW	
Sound coupling to ear	Circum-aural	
Ambient noise	approx. 35 dBA	approx. 18 dBA
Nominal headband pressure	6.5 N	3.5 N
Weight (without cable)	300 g	270 g
Length and type of cable	3.0 m, straight	



DT 790 / DT 797 PV

HEADSETS FOR EXTREME LOUD ENVIRONMENTS

DT 790

- Based on the DT 770 M
- High-quality dynamic hyper-cardioid microphone with very high gain-before-feedback

DT 797 PV

- Based on the DT 770 PRO
- High-quality condenser cardioid microphone for improved bass response and with high gain-before-feedback

MICROPHONE DATA	DT 790	DT 797 PV
Transducer type	Dynamic	Condenser (Back-Electret)
Operating principle	Pressure gradient	
Frequency response	40 - 12,000 Hz	40 - 20,000 Hz
Polar pattern	Hypercardioid	Cardioid
Nominal impedance	200 Ω	approx. 300 Ω
Max. SPL	-	136 dB
Supply Voltage	-	12 - 48 V Phantom power

DT 770 / 880 / 990 PRO

STUDIO HEADPHONES



- Robust, easy serviceable construction as all parts are replaceable
- Excellent ambient noise attenuation (DT 770 M & DT 770 PRO)
- DT 770 PRO: Single sided cable, 1.6 m straight cable (32 Ohms), 3.0 m straight cable (80 Ohms) and 3.0 m coiled cable (250 Ohms)
- Comfortable fit due to rugged, adjustable, soft padded headband construction
- Soft and comfortable ear pads
- DT 770 PRO optionally with limiter (see page 52)

TECHNICAL DATA	DT 770 M	DT 770 PRO	DT 880 PRO	DT 990 PRO
Transducer type	Dynamic			
Operating principle	Closed		Semi-open	Open
Frequency response	5 - 30,000 Hz	5 - 35,000 Hz		
Nominal impedance	80 Ω	32 / 80 / 250 Ω	250 Ω	250 Ω
Nominal SPL	105 dB	96 dB		
Nominal T.H.D	< 0.2%			
Power handling	100 mW			
Sound coupling to ear	Circum-aural			
Ambient noise	approx. 35 dBA	approx. 18 dBA	-	-
Nominal headband	6.5 N	3.5 N		
Weight (without cable)	300 g	270 g	295 g	250 g
Length and type of cable	3.0 m, straight with volume control	see above	3.0 m, coiled	

DT 700 SERIES ACCESSORIES

EAR PADS

- EDT 700 SG Ear cushions pair for DT 770 PRO 32 Ohms, DT 880 PRO und DT 990 PRO, softskin, black Art.-No. 913.669
- EDT 770 S Ear cushions pair for DT 770 M, DT 79*-versions, softskin, black Art.-No. 904.783
- EDT 770 V Ear cushions pair for DT 770-versions, velours, charcoal-grey (standard) Art.-No. 926.660
- EDT 770 VB Ear cushions pair for DT 770-versions and DT 79*-versions, velours, black Art.-No. 906.166
- EDT 990 V Ear cushions pair for DT 880-versions and DT 990 PRO, velours, anthracite (standard) . Art.-No. 926.679
- EDT 990 VB Ear cushions pair for DT 880-versions and DT 990 PRO, velours, black Art.-No. 904.163

HEADBAND PADS

- Headband pad for PRO-Series (DT 770-versions / DT 79*-versions / DT 880-versions / DT 990 PRO) Art.-No. 990.681

EXTENSION CABLE

- DT-Extension Studio quality extension cable, 3.0 m length, with PUR (Polyurethan) coating, 3.5 mm threaded stereo socket, 1/4" (6.35 mm) adapter included Art.-No. 705.869

TRANSPORT BAG

- DT Bag Transport bag, Nylon, black Art.-No. 590.959

POP AND WINDSCREENS

- WS 97 AZ Windscreen for DT 790/797 PV, charcoal-grey Art.-No. 465.313

DT 200 SERIES



DT 250 / DT 252

LIGHTWEIGHT, SLIM-DESIGN
MONITORING HEADPHONE

HEADPHONES

- Good ambient noise attenuation
- Single-sided, detachable cable
- Powerful neodymium headphone system for excellent reproduction accuracy
- Balanced sound impression
- Circumaural ear pads, advanced ear cushion system
- Adjustable, soft padded headband
- Service-friendly construction due to exchangeability of all parts
- Optionally with limiter (see page 52)
- Single-ear-version: DT 252

TECHNICAL DATA	DT 200 Series
Transducer type	Dynamic
Operating principle	Closed
Frequency response	10 - 30,000 Hz
Nominal impedance	DT 250: 80 Ω or 250 Ω DT 252: 80 Ω
Nominal SPL	100 dB
Power handling capacity	100 mW
Sound coupling to ear	Circum-aural
Ambient noise isolation	approx. 16 dBA
Nominal headband pressure	4.5 N
Connection	3.5 mm mini jack & ¼" adapter
Length and type of cable	DT 250 / DT 252: 3.0 m, coiled DT 28x / DT 29x: see page 43-45
Weight (without cable)	DT 250: 240 g DT 252: 170 g



DT 28x / DT 29x

HEADSET WITH
DYNAMIC OR CONDENSER MICROPHONE

HEADSETS

- Flexible, pivotable gooseneck for optimal positioning
- Optionally with limiter (see page 52)

DT 280/290

- High-quality dynamic hyper-cardioid microphone with very high gain-before-feedback

DT 291

- Omnidirectional directional electret condenser microphone
- Very high speech reproduction quality and excellent intelligibility

DT 287/297

- Elastical microphone suspension
- Excellent immunity against RFI (Radio Frequency Interference) caused by GSM, DECT, UMTS, Tetra etc.
- High-quality condenser cardioid microphone for improved bass response and high gain-before-feedback
- Optimised frequency response according to IRT (Institute for Radiotechnology in Munich) regulations
- Very high speech reproduction quality and excellent intelligibility

V.11 Models (DT 280/287/290/297)

- With build-in pre-amplifier only for certain television cameras with T-Power

MICROPHONE DATA	DT 280/290	DT 291	DT 287/297
Transducer type	Dynamic	Condenser (Back-Electret)	
Operating principle	Pressure gradient	Pressure	Pressure gradient
Frequency response	40 - 12,000 Hz	20 - 18,000 Hz	40 - 20,000 Hz
Polar pattern	Hypercardioid	Omnidirectional	Cardioid
Nominal impedance	200 Ω	200 Ω	approx. 300 Ω
Max. SPL	-	127 dB	132 dB
Power supply	-	12 - 48 V Phantom power	

DT 231 / DT 234 PRO

LIGHT MODELS FOR BROADCAST APPLICATION



DT 231 PRO



DT 234 PRO

HEADPHONES

- Closed headphone
- Lightweight, low profile design
- Good sound impression
- Powerful low frequency response
- Single-sided, straight cable
- Supra-aural ear pads

HEADSET

- Noise-cancelling condenser cardioid microphone with high speech reproduction quality

TECHNICAL DATA	DT 231 PRO	DT 234 PRO
Transducer type	Dynamic	
Operating principle	Closed	
Frequency response	20 - 18,000 Hz	
Nominal impedance	32 Ω	
Nominal SPL	95 dB	
Power handling capacity	50 mW	
Sound coupling to ear	Supra-aural	
Nominal headband pressure	2 N	
Weight (without cable)	130 g	155 g
Connection	3.5 mm mini jack & ¼" adapter	
Length and type of cable	2.5 m straight	

TECHNICAL DATA	Microphone DT 234 PRO
Transducer type	Condenser (Back-Electret)
Operating principle	Pressure gradient
Frequency response	50 - 18,000 Hz
Polar pattern	Cardioid
Nominal impedance	approx. 1.5 kΩ
Max. SPL	125 dB
Power supply	1.5 - 9 V

DT 200 SERIES ACCESSORIES

EAR PADS

- EDT 250 S Ear cushions pair for DT 25*-, DT 28*- and DT 29*-versions, softskin, black Art.-No. 943.549
- EDT 250 V Ear cushions pair for DT 25*-, DT 28*- and DT 29*-versions, velours, black (standard) . . . Art.-No. 942.704

HEADBAND PADS

- Headband pad for DT 25*-, DT 28*- and DT 29*-versions . . Art.-No. 903.886

TRANSPORT BAG

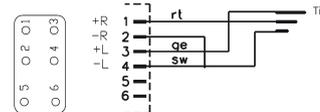
- DT-Bag Transport bag, Nylon, black Art.-No. 590.959

POP AND WINDSCREENS

- WS 30 SW Windscreen for DT 281/291, black Art.-No. 439.959
- WS 30 WS Windscreen for DT 281/291, white Art.-No. 439.967
- WS 97 AZ Windscreen for DT 280/287/290 and DT 297, charcoal-grey Art.-No. 465.313

HEADPHONE CONNECTION CABLES

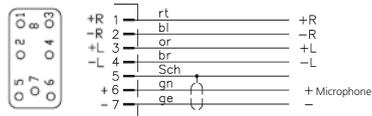
- K 250.07 Straight connecting cable for DT 25*-Versions, with gold-plated mini stereo jack plug (3.5 mm) / 1/4" adapter (6.35 mm), 3.0 m (9.84 ft) . . . Art.-No. 700.258
- WK 250.07 Coiled connecting cable for DT 25*-Versions, with gold-plated mini stereo jack plug (3.5 mm) / 1/4" adapter (6.35 mm), 3.0 m (9.84 ft) . . . Art.-No. 442.070



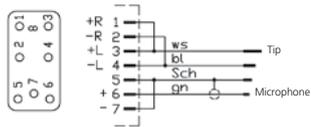
DT 200 SERIES ACCESSORIES

HEADPHONE CONNECTION CABLES

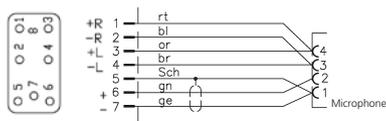
- K 190.00 Straight connecting cable with free ends,
1.5 m (4.92 ft) Art.-No. 431.575
- K 190.00 same as above, 3.0 m (9.84 ft) Art.-No. 441.937
- WK 190.00 Coiled connecting cable with free ends,
3.0 m (9.84 ft) Art.-No. 448.176



- K 190.26 same as above, 1.5 m (4.92 ft) with 4-pin
mini jack plug for SONY cameras
(DR 100 compatible) Art.-No. 491.799



- K 190.28 Straight connecting cable with 4-pin
XLR-female, 1.5 m (4.92 ft) Art.-No. 445.304

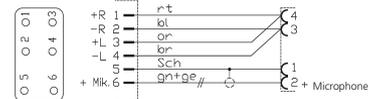


Special cables on request:
broadcast@beyerdynamic.com
or Phone +49 7131 617-440

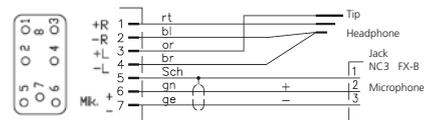
Spareparts on request:
spareparts@beyerdynamic.de
or Phone +49 7131 617-450

HEADSET CONNECTION CABLES

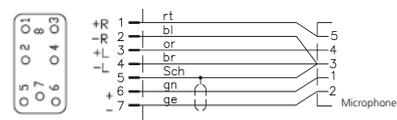
- K 190.39 Straight connecting cable for V.11 versions
with 5-pin XLR-male, for professional cameras
(Sony, Philips, Ikegami), 1.5 m (4.92 ft) . . . Art.-No. 475.181



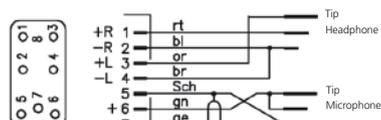
- K 190.40 Straight connecting cable with 3-pin XLR-male
and 1/4" stereo jack (6.35 mm),
1.5 m (4.92 ft) Art.-No. 445.894
- K 190.40 same as above, 3.0 m (9.84 ft) Art.-No. 446.750



- K 190.41 Straight connecting cable with 5-pin XLR-male,
1.5 m (4.92 ft) Art.-No. 445.312



- K 190.48 Straight connecting cable with 2 x mini stereo
jack plug for multimedia applications. Art.-No. 479.470



ABBREVIATIONS

- | | | |
|-------------|-------------|-----------------|
| bl = blue | gn = green | ws = white |
| br = brown | or = orange | Sch = shield |
| ge = yellow | rt = red | Schirm = shield |

DT 100 SERIES



DT 100 / DT 102

STUDIO LEGEND

HEADPHONES

- Closed headphones
- Excellent ambient noise attenuation
- Capable of handling very high SPL
- Rugged, easy serviceable construction as all parts are replaceable
- Single-sided, detachable cable
- Circumaural ear pads
- High SPL
- Excellent comfort for long-term wearing
- Single-Ear version: DT 102
- Available in black and grey

TECHNICAL DATA	DT 100 Series
Transducer type	Dynamic
Operating principle	Closed
Frequency response	30 - 20,000 Hz
Nominal impedance	DT 100 / DT 102: 16 Ω or 400 Ω DT 108 / DT 109: 50 Ω or 400 Ω
Nominal SPL	94 dB
Nominal T.H.D	< 1%
Power handling capacity	1,000 mW
Sound coupling to ear	Circum-aural
Ambient noise isolation	20 dBA
Nominal headband pressure	4.5 N
Connection	3.5 mm mini jack & ¼" adapter
Length and type of cable	DT 100 / DT 102: 3.0 m, straight DT 108 / DT 109: see page 49-51
Weight (without cable)	DT 100: 350 g DT 102: 250 g DT 108: 283 g DT 109: 390 g



DT 108 / DT 109

THE MOST WANTED CAMERA HEADSET WITH DYNAMIC MICROPHONE

HEADSETS

- Highly sensitive headphone and microphone transducers
- Single-Ear version: DT 108
- Available in black and grey

MICROPHONE DATA	DT 108 / DT 109 Microphone
Transducer type	Dynamic
Operating principle	Pressure gradient
Frequency response	40 - 12,000 Hz
Polar pattern	Hypercardioid
Nominal impedance	200 Ω



DT 150

MONITOR HEADPHONE FOR LOUD ENVIRONMENTS

- Closed headphone
- Excellent ambient noise attenuation
- Powerful neodymium headphone system for excellent reproduction accuracy
- Wide frequency response (5 - 30,000 Hz)
- Capable of handling very high SPL
- Rugged, easy serviceable construction as all parts are replaceable
- Single-sided, detachable cable
- Circumaural ear pads
- Excellent comfort for long-term wearing

TECHNICAL DATA	DT 150
Transducer type	Dynamic
Operating principle	Closed
Frequency response	5 - 30,000 Hz
Nominal impedance	250 Ω
Nominal SPL	97 dB
Nominal T.H.D	< 0.2%
Power handling capacity	100 mW
Sound coupling to ear	Circum-aural
Ambient noise isolation	approx. 20 dBA
Nominal headband pressure	4.5 N
Connection	3.5 mm mini jack & ¼" adapter
Length and type of cable	3.0 m, straight
Weight (without cable)	250 g

DT 100 SERIES ACCESSORIES

EAR PADS

- EDT 100 P Ear cushions pair for DT 10*-versions, plush, black, suitable for the tropics Art.-No. 945.576
- EDT 100 S Ear cushions pair for DT 10*-versions, softskin (standard), black Art.-No. 907.003
- EDT 100 T Ear cushions pair for DT 10*-versions, cotton jersey, black, suitable for the tropics Art.-No. 945.584

HEADBAND PADS

- Headband pad for DT 10*-versions Art.-No. 908.715

TRANSPORT BAG

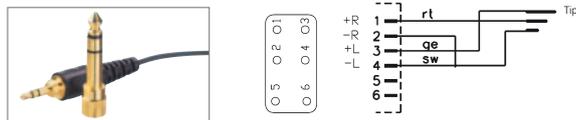
- DT-Bag Transport bag, Nylon, black Art.-No. 590.959

POP- AND WINDSCREENS

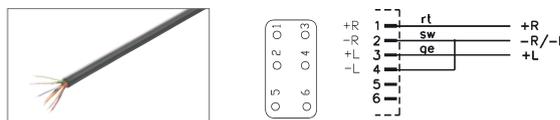
- BN 56-79/A Pop shield for DT 108/109 (5 pieces) Art.-No. 108.677

HEADPHONE CONNECTION CABLES

- K 100.07 Straight connecting cable for DT 10*-versions, DT 150, with gold-plated mini stereo jack plug (3.5 mm) / ¼" adapter (6.35 mm), 3.0 m (9.84 ft) Art.-No. 482.153
- WK 100.07 Coiled connecting cable for DT 10*-versions, DT 150, with gold-plated mini stereo jack plug (3.5 mm) / ¼" adapter (6.35 mm), 3.0 m (9.84 ft) Art.-No. 101.826



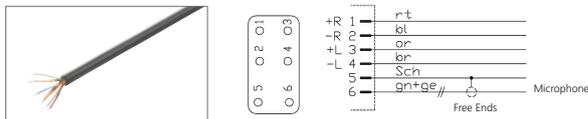
- WK 100.00 Coiled connecting cable with free ends for DT 10*-versions, DT 150, 3.0 m (9.84 ft) Art.-No. 101.788



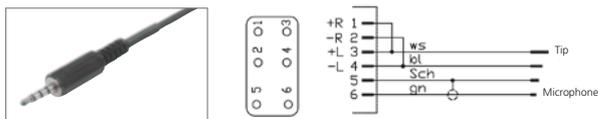
DT 100 SERIES ACCESSORIES

HEADSET CONNECTION CABLES

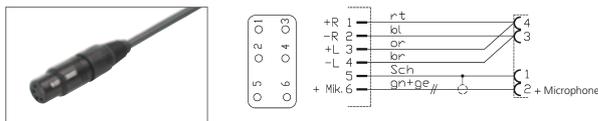
- K 109.00 Straight connecting cable with free ends,
1.5 m (4.92 ft) Art.-No. 101.907
- K 109.00 same as above, 3.0 m (9.84 ft) Art.-No. 127.949
- WK 109.00 Coiled connecting cable with free ends,
3.0 m (9.84 ft) Art.-No. 198.900



- K 109.26 same as above, 1.5 m (4.92 ft),
with 4-pin mini jack plug for SONY cameras
(DR 100 compatible) Art.-No. 491.802



- K 109.28 Straight connecting cable with 4-pin XLR-female,
1.5 m (4.92 ft) Art.-No. 220.132

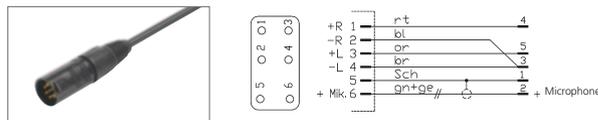


Special cables on request:
broadcast@beyerdynamic.com
or Phone +49 7131 617-440

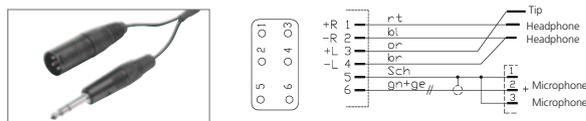
Spareparts on request:
spareparts@beyerdynamic.de
or Phone +49 7131 617-450

HEADSET CONNECTION CABLES

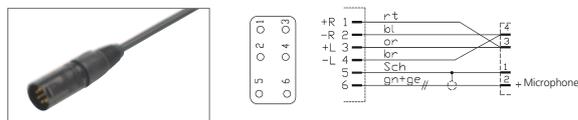
- K 109.38 Straight connecting cable with 5-pin XLR-male,
1.5 m (4.92 ft) Art.-No. 406.538



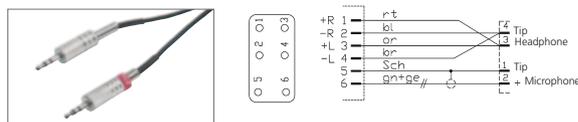
- K 109.40 Straight connecting cable with 3-pin XLR-male
and 1/4" stereo jack (6.35 mm),
1.5 m (4.92 ft) Art.-No. 449.121



- K 109.42 Straight connecting cable with 4-pin XLR-male,
1.5 m (4.92 ft) Art.-No. 446.548



- K 109.48 same as above, 3.0 m (9.84 ft),
2 x mini stereo jack plug
for multimedia applications Art.-No. 481.688



ABBREVIATIONS

- bl = blue gn = green ws = white
br = brown or = orange Sch = shield
ge = yellow rt = red Schirm = shield



LIMITER CONCEPT

PROFESSIONAL HEADPHONES AND
HEADSETS WITH INTEGRATED LIMITER.

PROTECT YOUR HEARING!

beyerdynamic professional series headphones and headsets can now be ordered with a high quality integrated level limiter. This new option, available throughout the range guarantees that an operator's hearing is protected when the headphone is used over a prolonged period.

Designed to meet health and safety criteria, our passive circuitry which achieves an audio response similar to that of a complex, expensive VCA limiter. Our clever two-phase limiting concept incorporates firstly a smooth decrease of the audio signal by 6 dB then secondly a hard, protective, brickwall limit of the audio signal. This two step process ensures that sound quality is maintained throughout any peak in signal. The limiter threshold can be defined freely by the customer when ordering.



Besides the professional headsets from the DT 290 and DT 790 series, headphones from the DT 770 PRO series and DT 250 series can be ordered with an integrated level limiter. Limiter versions are marked with red headband holders.

For more information go to:
www.beyerdynamic.com/innovations/limiter-concept

Information to beyerdynamic broadcast products:
www.beyerdynamic.com/broadcast

GENERATION AUDIO SINCE 1924



Getting the perfect sound is the measure of all things for us. Founded in Berlin in 1924 and now based in Heilbronn, beyerdynamic is one of the leading companies in the audio technology industry. For more than 90 years our German engineers have been developing and manufacturing outstanding sound to the highest quality standards for a constantly growing customer base.

beyerdynamic headphones, microphones and conference systems are developed in Heilbronn and still today are carefully finished by hand. Every single one of our products thus embodies our passion for an excellent sound experience.



CONTACT US IF YOU HAVE ANY QUESTIONS

www.beyerdynamic.com/broadcast

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