



# ***Microphones*** ***&Headphones***





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ON  
HONES



EIKON is Proel's new professional line of microphones, wireless systems and recording equipment. This line of products is aimed at singers, actors, artists and entertainment operators who need performances without any compromise, while keeping the best value for money.

# RECORDING MICROPHONES



EIKON Recording Microphones is a line of products researched and designed by our group of passionate engineers, crafted in exact detail, to reproduce every subtle nuance of your music without adding or removing anything.

## C14

- Transparent sound with superb detail and warm harmonic content
- extended low-range frequency response
- WIMA capacitors
- integrated suspension shockmount

Type	Pressure Gradient condenser transducer
Polar pattern	Uni-Directional
Frequency response	20 Hz - 20 KHz
Sensitivity	- 34 dB ± 2 dB ( 0 dB = 1VPa @ 1 KHz )
Max SPL for 1% THD	132 dB
S/N Ratio	80 dB
Impedance	100 Ω ± 30% ( at 1kHz )
Recommended Load Impedance	1000 Ω
Self Noise	14 dB A
Power Requirement	Phantom Power 48 Volt dc
Connector	3 Pin XLR Male
Weight	245 g
Dimensions	50,5 Ø x 152 mm
Current Consumption	3 mA
Accessories	Shockmount

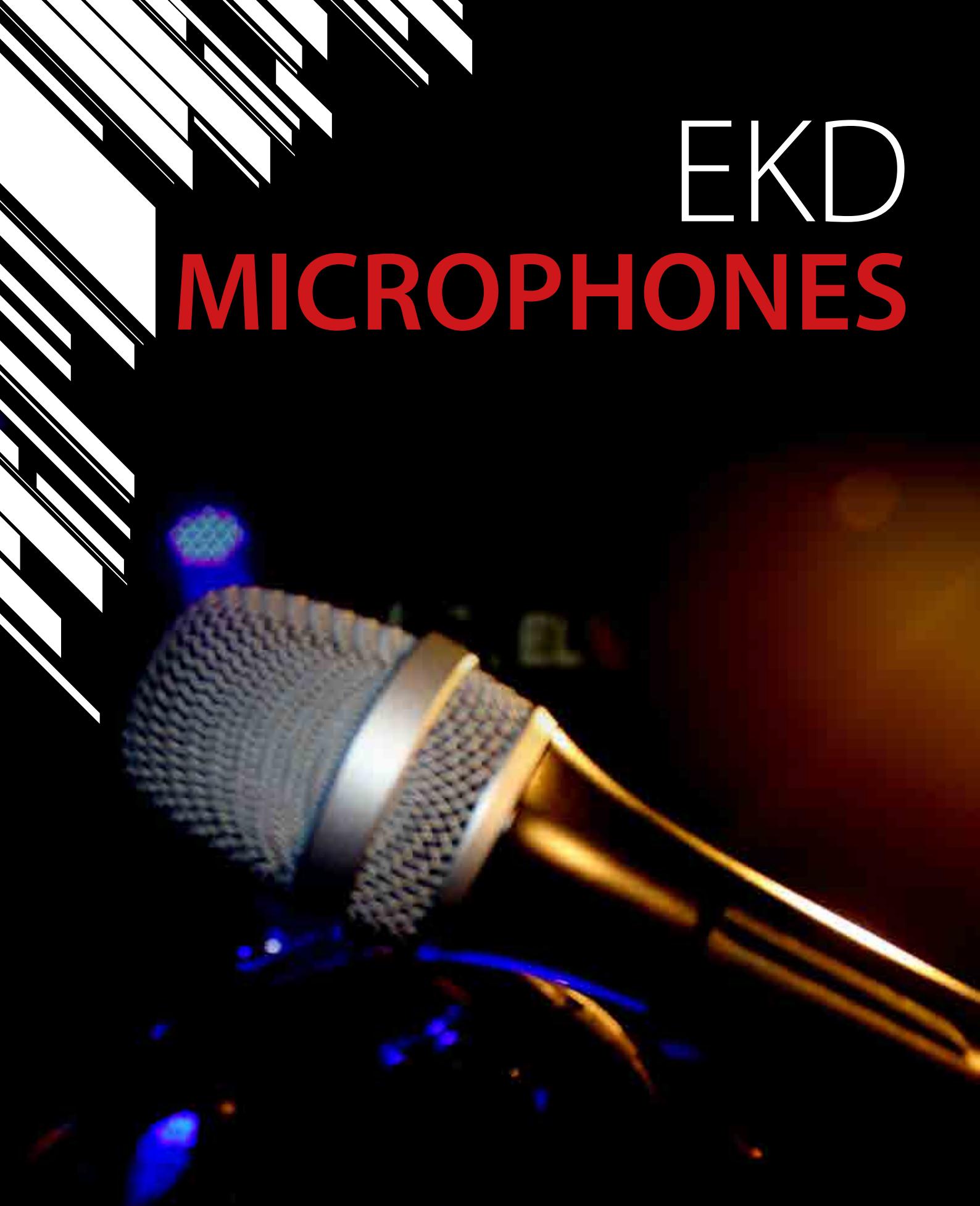


## RM8

- Double-sided 0,02mm pure aluminium foil
- Vivid and natural sound
- Wide low-frequency range and fast transient response
- WIMA capacitors
- Work great with home studio audio interfaces

Type	Ribbon Microphone
Polar pattern	Figure-8
Frequency response	20 Hz - 20 KHz
Sensitivity	- 34 dB ± 2 dB ( 0 dB = 1VPa @ 1 KHz )
Max SPL for 1% THD	130 dB
S/N Ratio	79 dB
Impedance	200 Ω ± 30% ( at 1kHz )
Recommended Load Impedance	1000 Ω
Self Noise	15 dB A
Power Requirement	Phantom Power 48 Volt dc
Connector	3 Pin XLR Male
Weight	912 g
Dimensions	50,5 Ø x 152 mm
Current Consumption	3 mA
Accessories	Shockmount





# EKD MICROPHONES

EIKON EKD range is a new series of wired microphones. Wheather for male or female vocals, this series has the right microphone for everyone.

**AHNC  
TECHNOLOGY**

### Dynamic Super-Cardioid professional Microphone.

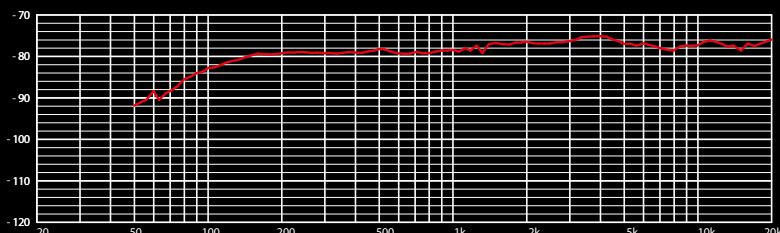
The EKD9 offers an exclusive active handling-noise cancelling system; a build-in patented AHNC capsule to reduce handling noise. Elegant thin and curve design which contain an internal hum-bucking coil to reduce EMI/RFI noise for professional stage performance.

## EKD9

New

- Super -cardioid polar pattern
- AHNC Capsule Technology
- Rugged construction
- Advanced double shock-mount construction
- Frequency response tailored for vocals, with brightened midrange and bass roll-off to control proximity effect
- 4 year warranty

Transducer Type	Dynamic - Neodymium -Dual Coil
Polar pattern	Super-Cardioid
Frequency response	50 – 19.000 hz
Sensitivity	-74 ±3dBv/µbar
Max Spl for 1% THD	137 dB
Impedance	600 Ω
Load Impedance	1500 Ω
Connector	3 Pin XLR Male
Weight	333 g
Dimensions	54,9 Ø x 182 mm



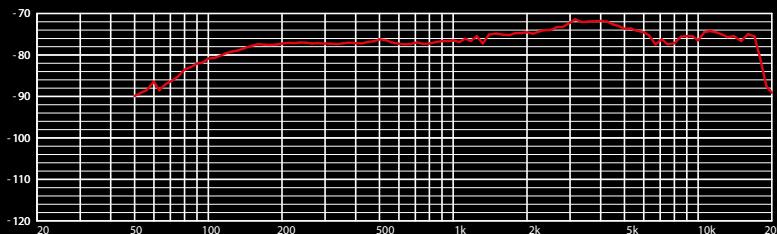
## Dynamic Super-Cardioid professional Microphone.

Optimized for all vocal applications, this mic specifically controls proximity effect through its low-frequency roll-off, making it a great choice for all performers like DJ's, male and female singers, announcers. The EKD8 minimizes handling noise without compromising sound quality, thanks to capsule's rugged double shock-mount system.

## EKD8

- Super -cardioid polar pattern
- High gain before feedback
- Rugged construction
- Advanced double shock-mount construction
- Frequency response tailored for vocals, with brightened midrange and bass roll-off to control proximity effect
- 4 year warranty

Transducer Type	Dynamic
Polar pattern	Super-Cardioid
Frequency response	50 – 18.000 hz
Sensitivity	-74 ±3dBv/μbar
Max Spl for 1% THD	137 dB
Impedance	300 Ω
Load Impedance	1000 Ω
Connector	3 Pin XLR Male
Weight	279 g
Dimensions	52,5 Ø x 182 mm



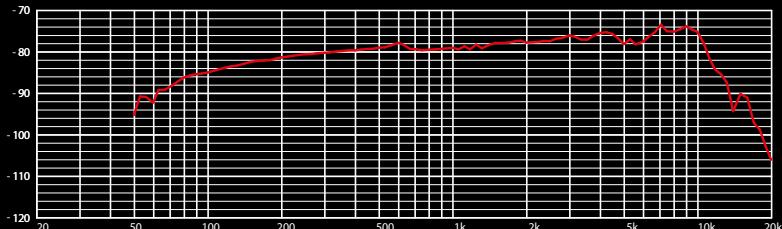
## Dynamic Cardioid professional Microphone.

Specifically engineered for on stage performance, this mic offers smooth, warm sound, superb bass response with exacting precision. The capsule's rugged double shock-mount system dramatically reduces handling noise to ensure you are the only one heard.

## EKD7

- Cardioid polar pattern
- High gain before feedback
- Rugged construction
- Double shock-mount construction
- Concert level, professional vocal Mic for live sound
- 4 year warranty

Transducer Type	Dynamic
Polar pattern	Cardioid
Frequency response	80 – 12.000 hz
Sensitivity	-74 ±3 dBv/μbar
Max Spl for 1% THD	137 dB
Impedance	600 Ω
Load Impedance	1500 Ω
Connector	3 Pin XLR Male
Weight	360 g
Dimensions	54 Ø x 178 mm

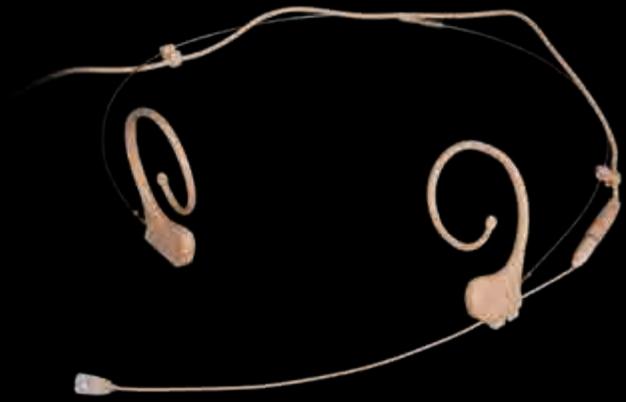


# HCM14EK

New

- Uni-directional Polar Pattern
- Lightweight and flexible
- Easy mounting to both the left and right
- Minimal visual impact
- Modular adapter system fits most professional wireless systems

Type	Back electret condenser
Polar pattern	Uni-directional
Frequency response	50 Hz - 18 KHz
Sensitivity	-42 dB ± 3 dB (0 dB = 1VPa @ 1 KHz)
Max SPL for 1% THD	135 dB
Equivalent Noise Level	26 dB-A
Impedance	1500 Ω
Recommended Load Impedance	> 2000 Ω
Power Requirement	1,5 - 10 Vdc
Connector ( Changeable)	3,5 mm plug ; 3 pin mini xlr ; 4 pin mini xlr
Weight	18 g
Dimension capsule	Ø 3 mm
Colour	Beige



## HCM12EK

- Pristine audio quality
- Lightweight and flexible
- Easy mounting to both the left and right
- Minimal visual impact
- Modular adapter system fits most professional wireless systems

Type	Back electret condenser
Polar pattern	Omnidirectional
Frequency response	20 Hz - 20 KHz
Sensitivity	- 44 dB ± 3 dB (0 dB = 1VPa @ 1 KHz)
Max SPL for 1% THD	135 dB
Equivalent Noise Level	26 dB-A
Impedance	1500 Ω
Recommended Load Impedance	> 2000 Ω
Power Requirement	1,5 - 10 Vdc
Connector (Changeable)	3,5 mm plug ; 3 pin mini xlr ; 4 pin mini xlr
Weight	18 g
Dimension capsule	Ø 3 mm
Colour	Beige



## PHW100

- High quality in line preamplifier microphone for HCM series
- Switchable high pass filter

Input	4 pin Mini XLR
Power Requirement	+ 48 vdc Phantom
Pad	- 10 dB
Low Cut	100 Hz -6 dB
Output Connector	3 pin male XLR
Weight	105 g
Dimensions	H 95 x Ø 20 mm
Colour	black





# EK-NF

## STUDIO MONITORS

The new series of nearfield studio monitors designed by PROEL R&D team in order to provide to your music the most honest and accurate reference possible.

From the carefully selected transducers to the proprietary enhanced waveguides and to the low-resonance cabinet design, everything has been tailored with hours of listening in order to offer the best accuracy over the whole audio spectrum.

The perfectly optimized electronics, including new high-headroom separate Class AB amplifiers for high and low section, high-precision crossover networks and separate LIMITEaR circuits, provide maximum resolution and minimum listening fatigue.

The lineup includes three models, featuring 5.25", 6" and 8" woofers, and a 10" subwoofer, offering the ideal nearfield monitor solution for any kind of music production applications: recording studios, home and project studios, broadcast studios, post-production facilities, mobile production vehicles, home theater, multimedia installations.



Soft-dome tweeter for detailed response and a high-resolution sound, with clean and natural high frequencies

Proprietary integrated elliptical waveguide with accurate directivity control, providing a wide and consistent 'sweet spot' (optimal listening position)

Long-excursion woofer with lightweight fiber-glass composite cone, featuring very extended response with well-defined bass and accurate mids

Precisely calculated front tuning port for greater low-frequency extension

Multiple audio input connectors (XLR, 1/4", RCA) for simple connections to any kind of source

HF adjustment for a flexible control of high frequency response according to personal taste or room characteristics

High-headroom Class AB amplifiers with dual accurate CLIP LIMITER, guaranteeing a high-output, ultra-clean sound with no distortion

Sophisticated, carefully designed crossover filters for a smooth response and an improved resolution



## EK5NF

- Bi-amplified 2-way system
- 0.75" silk dome tweeter on constant dispersion elliptical waveguide
- 5.25" woofer with fiberglass reinforced cone
- 25 W continuous CLASS AB amplifier for the high frequencies
- 45 W continuous CLASS AB amplifier for the low frequencies
- SPL MAX 104 dB
- Frequency response 55 Hz - 20 kHz



System type	2-way vented enclosure
High Frequency Device	0.75 " dome tweeter on elliptical waveguide
Low Frequency Device	5.25"woofer with fiberglass reinforced cone
Angular Coverage	90° H x 60° V
HF Amplifier Continuous Power	25W Class AB
LF Amplifier Continuous Power	45W Class AB
Processing	Analog
Frequency Response	55 Hz - 20 kHz
Max SPL	104 dB
Connectors	1/4" JACK, XLR-F, RCA
Controls	LEVEL, HF ADJUST
Construction	Vinyl laminated MDF cabinet with ABS front
Cabinet Colour	Black
Power Supply	230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector
Dimensions (W x H x D)	185 x 285 x 230 mm
Weight	5 kg



## EK6NF

- Bi-amplified 2-way system
- 1" silk dome tweeter on constant dispersion elliptical waveguide
- 6.5" woofer with fiberglass reinforced cone
- 35 W continuous CLASS AB amplifier for the high frequencies
- 60 W continuous CLASS AB amplifier for the low frequencies
- SPL MAX 106 dB
- Frequency response 50 Hz - 20 kHz



System type	2-way vented enclosure
High Frequency Device	1 " dome tweeter on elliptical waveguide
Low Frequency Device	6.5"woofer with fiberglass reinforced cone
Angular Coverage	90° H x 60° V
HF Amplifier Continuous Power	35W Class AB
LF Amplifier Continuous Power	60W Class AB
Processing	Analog
Frequency Response	50 Hz - 20 kHz
Max SPL	106 dB
Connectors	1/4" JACK, XLR-F, RCA
Controls	LEVEL, HF ADJUST
Construction	Vinyl laminated MDF cabinet with ABS front
Cabinet Colour	Black
Power Supply	230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector
Dimensions (W x H x D)	225 x 320 x 270 mm
Weight	8 kg



## EK8NF

- Bi-amplified 2-way system
- 1" silk dome tweeter on constant dispersion elliptical waveguide
- 8" woofer with fiberglass reinforced cone
- 45 W continuous CLASS AB amplifier for the high frequencies
- 75 W continuous CLASS AB amplifier for the low frequencies
- SPL MAX 109 dB
- Frequency response 45 Hz - 20 kHz

System type	2-way vented enclosure
High Frequency Device	1" dome tweeter on elliptical waveguide
Low Frequency Device	8" woofer with fiberglass reinforced cone
Angular Coverage	90° H x 60° V
HF Amplifier Continuous Power	45W Class AB
LF Amplifier Continuous Power	75W Class AB
Processing	Analog
Frequency Response	45 Hz - 20 kHz
Max SPL	109 dB
Connectors	1/4"JACK, XLR-F, RCA
Controls	LEVEL, HF ADJUST
Construction	Vinyl laminated MDF cabinet with ABS front
Cabinet Colour	Black
Power Supply	230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector
Dimensions (W x H x D)	265 x 380 x 305 mm
Weight	10 kg



## EK10SW

- Active vented sub-woofer
- 10" woofer with PP cone
- 150 W continuous CLASS AB power amplifier
- Stereo balanced 1/4" JACK and XLR-F inputs
- Stereo balanced XLR-M outputs plus balanced XLR-M link
- Optimized crossover design
- HI-CUT and LO-CUT frequency control
- VOLUME and PHASE control
- CLIP LIMITER
- SPL MAX 110 dB
- Frequency response 40 Hz - 150 kHz
- Laminated MDF cabinet with MDF front panel

System type	Vented sub-woofer
High Frequency Device	
Low Frequency Device	10"woofer with PP cone
Angular Coverage	
HF Amplifier Continuous Power	
LF Amplifier Continuous Power	150W Class AB
Processing	Analog
Frequency Response	40 Hz - 150 Hz
Max SPL	110 dB
Connectors	1/4"JACK, XLR-F (stereo INPUT), XLR-M (stereo OUTPUT), XLR-M (LINK)
Controls	LEVEL, HI-CUT & LO-CUT frequency selector, PHASE
Construction	Vinyl laminated MDF cabinet with MDF front
Cabinet Colour	Black
Power Supply	230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector
Dimensions (W x H x D)	330 x 365 x 365 mm
Weight	15.3 kg





# STUDIO HEADPHONES

EIKON Studio Headphones combines the unique Eikon technology with the advantages of a closed design. The impedance from 32 to 40 Ohms makes them the ideal partner also for portable devices.

## H800



- Smooth audio reproduction with deep bass
- Closed-back, circumaural design isolate against ambient noise
- Extremely soft and supple comfortable cushioned earpads
- Compatible with all major smartphone and tablet brands

Type	Dynamic Neodymium magnet
Driver Size	45 mm
Frequency Range	10 - 26000 Hz
Sound Pressure Level (Spl)	98 ±3 dB
Power Handling Capability	1800mw
Nominal Impedance	40 Ω
Jack Plug	3,5 + 6,3 mm stereo jack
Cable length	3 m
Weight w/o cable	295 g



## H200



- Smooth audio reproduction with deep bass
- Closed-back, circumaural design isolate against ambient noise
- Extremely soft and supple comfortable cushioned earpads
- Compatible with all major smartphone and tablet brands

Type	Dynamic Neodymium magnet
Driver Size	40 mm
Frequency Range	15 - 28000 Hz
Sound Pressure Level (Spl)	95 ±3 dB
Power Handling Capability	400mw
Nominal Impedance	32 Ω
Jack Plug	3,5 + 6,3 mm stereo jack
Cable length	3 m
Weight w/o cable	235 g



## HFEAR800

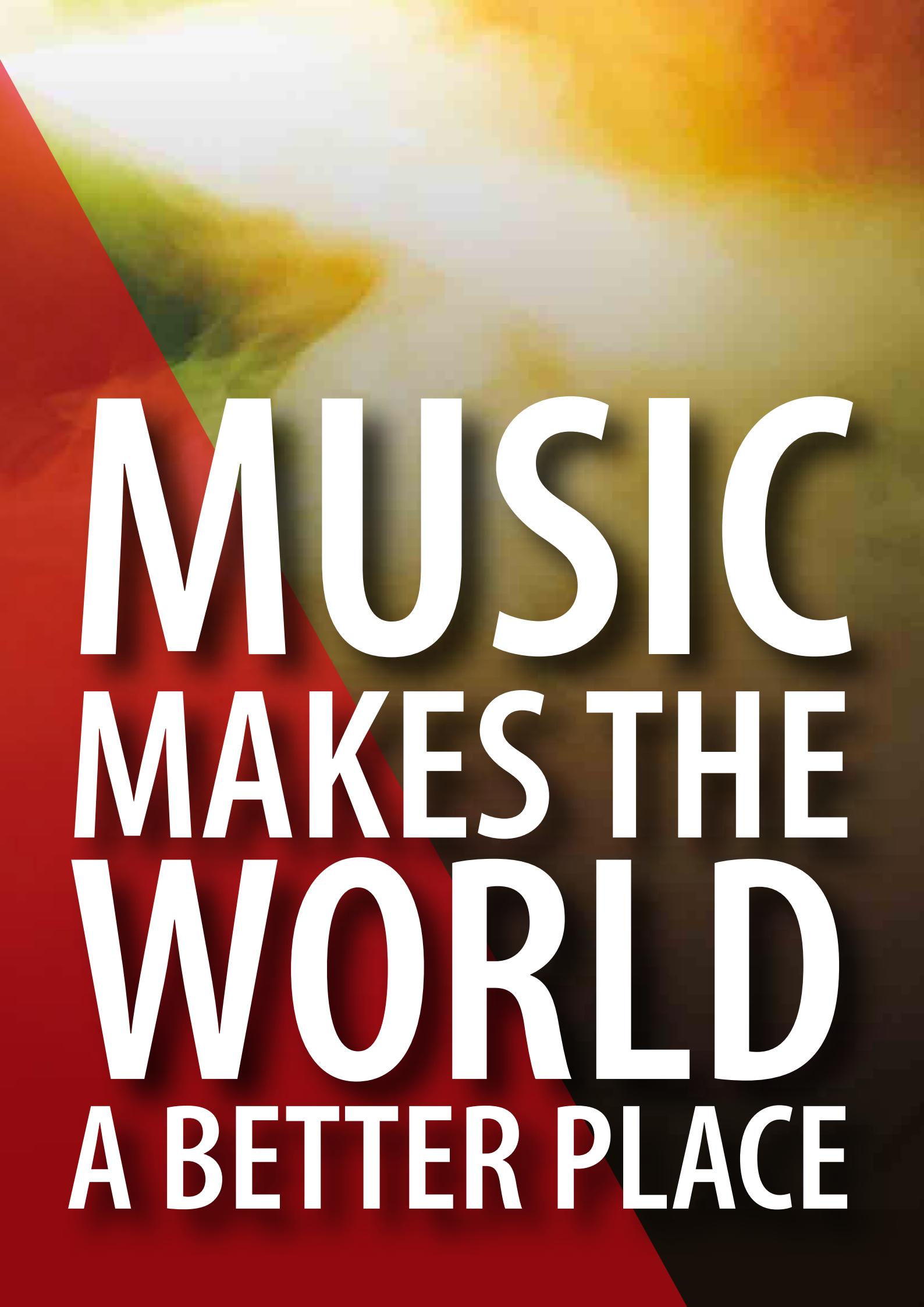
Soft Earpad for EIKON Headphones



## HFEAR200

Soft Earpad for EIKON Headphones





MUSIC  
MAKES THE  
WORLD  
A BETTER PLACE





With their robustness, reliability and affordable performance PROEL's Live Microphones provides the perfect choice for different kind of vocalists and different styles. The dynamic models offer a lower sensibility to the environment noise and a better responsiveness to high pressure levels, while condenser models provide ultimate sound quality.

# LIVE MICROPHONES



# LIVE MICROPHONES

## DM580LC



- Dynamic Cardioid Microphone
- Particularly tailored for vocal applications
- Uniform cardioid pattern for isolating the main sound source and avoiding feedbacks
- Durable metal construction
- On/off switch for on-stage control
- Steel mesh ball grille with integral filter for reducing wind noise
- 4.5 mt XLR cable included

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	70 - 14000 Hz
Sensitivity	-55 dB
Max Spl for 1% THD	135 dB
S/N Ratio	> 74 dB
Impedance	600 Ω
Connector	3 pin XLR male
Weight	275 g
Dimensions	H 195 x Ø 50 mm

## DM226



- Vocal microphone with dynamic capsule
- Cardioid Polar Pattern
- Exceptional transparency at mid-bass frequencies
- Flat and extended Frequency Response
- Ergonomic barrel design

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 15000 Hz
Sensitivity	-53 dB
Max Spl for 1% THD	135 dB
Impedance	600 Ω
Connector	3 pin XLR male
Weight	360 g
Dimensions	H 180 x Ø 45 mm

## DM220



- Vocal microphone with dynamic capsule
- Cardioid Polar Pattern
- Flat and extended Frequency Response
- ON/OFF switch
- Exceptional transparency at mid-bass frequencies
- Ergonomic barrel design

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 15000 Hz
Sensitivity	-53 dB
Max Spl for 1% THD	135 dB
Impedance	600 Ω
Connector	3 pin XLR male
Weight	360 g
Dimensions	H 180 x Ø 45 mm

## DM800



- Dynamic Capsule
- Cardioid Polar Pattern
- Flat and extended Frequency Response
- ON/OFF switch
- Designed for optimal warmth and clarity
- Excellently accurate pickup pattern provides optimal gain before feedback
- 4.5 mt XLR cable included

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	60 - 14000 Hz
Sensitivity	-53 dB
Max Spl for 1% THD	130 dB
Impedance	600 Ω
Connector	3 pin XLR male
Weight	360 g
Dimensions	H 180 x Ø 45 mm



## DM800KIT

- Kit made of three DM800 dynamic microphones
- Includes three microphone clamps
- ABS carrying and storage case

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	60 - 14000 Hz
Sensitivity	-53 dB
Max Spl for 1% THD	130 dB
Impedance	600 Ω
Connector	3 pin XLR male
Weight	360 g
Dimensions	H 180 x Ø 45 mm



# HI-GRADE MICROPHONES



Our Hi-Grade Series microphones offer a high-quality sound reproduction, capturing every timbre nuance even in the most critical applications. The electro-acoustic design of the capsules, engineered to deliver the highest tone quality, and the sturdy construction meet even the most complex requirements.



## DM580

- Professional microphone with Humbucking dynamic capsule
- High applicable SPL
- Cardioid Polar Pattern and reduced sensitivity for the use with high stage monitor levels
- Frequency Response and natural bass roll-off for close vocal miking and reducing handling noise
- Particularly tailored for female vocal applications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 16000 Hz
Sensitivity	-52 dBv
Max Spl for 1% THD	137 dB
Impedance	400 Ω
Connector	3 Pin Male XLR
Weight	301 g
Dimensions	H 164 x Ø 51 mm



## DM585

- High-sensitivity, professional microphone with dynamic capsule
- High applicable SPL
- Cardioid Polar Pattern particularly resistant to feedback
- Particularly tailored for vocal applications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 17000 Hz
Sensitivity	-52 dB
Max Spl for 1% THD	135 dB
Impedance	400 Ω
Connector	3 pin XLR male
Weight	320 g
Dimensions	H 180 x Ø 44 mm



## DM55V2

- Satin chrome-plated die-cast casing for pure vintage look and feel
- Cardioid Polar Pattern
- Frequency Response tailored for vocals and instrumental music
- Internal shock mount for reduced handling noise
- On-off switch
- Self-tensioning swivel mount
- Custom design

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 16000 Hz
Sensitivity	-52 dB
Max Spl for 1% THD	130 dB
Impedance	300 Ω
Connector	3 pin XLR male
Weight	485 g
Dimensions	H 185 x L 56 x W 67 mm

# RECORDING MICROPHONES

Thanks to the very natural acoustic pattern and to the capability to fit the character of different sources, the comprehensive range of PROEL'S recording microphones offers the right miking solution for many kind of instrument and for different locations, from professional studios to home recording.



## CM12

- Ultra-thin, 3 micron, 24 karat gold-layered, Mylar® diaphragm for excellent transient response
- Exceptional low-frequency reproduction
- Cardiod Polar Pattern
- Extremely low self noise for critical studio vocal recording
- Uniform polar response
- High output level
- Exceptional transparency and natural sound reproduction

Type	Condenser single 1" diaphragm
polar pattern	Uni-Directional
frequency response	30 Hz - 18 Khz
sensitivity	- 40 dB ± 2 db (0 dB = 1VPa @ 1 Khz)
max SPL for 1% THD	130dB
S/N Ratio	76 db
Impedance	330 Ω
Recommended Load Impedance	1000 Ω
Self Noise	20 dB A
Power Requirement	Phantom Power 48 Volt dc
Connector	3 Pin XLR Male
Weight	317 g
Dimensions	56 x 148 mm
Accessories	Microphone holder



## CM200

- Ultra-thin, 2.5 micron, 24 karat gold-layered, low mass Mylar® diaphragm for superior transient response
- Extended Frequency Response
- Cardiod Polar Pattern
- Can withstand high sound pressure level (SPL)
- The low self-noise makes it ideal for recording instruments

Type	Condenser single 0,5" gold-layered diaphragm
Polar Pattern	Uni-Directional
Frequency Response	10 - 20000 Hz
Sensitivity	-40 dB
Max Spl for 1% THD	135 dB
Self Noise	< 15 dB
S/N Ratio	79 dB
Impedance	250 Ω
Recommended Load Impedance	1000 Ω
Power Requirement	+48 vdc Phantom
Connector	3 pin male XLR
Weight	435 g
Dimensions	H 135 x Ø 25 mm
Colour	Black
Accessories	Microphone holder

# RECORDING MICROPHONES



## CM12USB

- Ultra-thin, gold-layered, low-mass, Mylar® diaphragm for excellent transient response
- High quality A/D converter with 16-bit, 48kHz resolution
- Switchable high pass filter and -10dB pad
- Stereo 1/8" headphone jack for no latency monitoring
- Headphone volume control with microphone mute switch
- Plugs directly into any computer with a USB input
- Supplied with USB cable

Type	Condenser single 1" diaphragm
Polar Pattern	Uni-Directional
Frequency Response	30 - 18000 Hz
Sensitivity	-40 dB
Max Spl for 1% THD	130 dB
S/N Ratio	> -90 dBA
Volume Control	Microphone and Headphone
Power Requirement	Power from USB port
Digital Output Interface	USB 2.0
Resolution	16-bit
Sampling Rate	44.1 - 48 kHz
Headphone Power Output (RMS)	59 mW
Weight	325 g
Dimensions	H 148 x Ø 56 mm
Colour	Black
Operating system	PC win10\8\7 , Mac OSX 10.6.4 or higher



USB CONNECTOR



# DM581USB

- XLR and USB connections
- Integrated A/D converter
- Metal body
- Driver installation not required
- Supplied with USB cable

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	60 - 14000 Hz
Sensitivity	-53 dBv Analog output -28 dBv Digital output
Max Spl for 1% THD	120 dB
Impedance	600 Ω
Power Requirement	USB Port
Digital Output Interface	USB 2.0
Resolution	16-bit
Sampling Rate	44.1/48 kHz
Connector	3 pin XLR
Weight	290 g
Dimensions	H 185 x Ø 51 mm
Operating System	PC win10\8\7, Mac OSX 10.6.4 or higher



**USB CONNECTOR**



# INSTRUMENT MICROPHONES

A high-contrast, black and white photograph of a microphone boom arm and a guitar neck. The boom arm is positioned diagonally, with its silver-colored microphone attached. The guitar neck is in the foreground, showing its dark wood grain and metal hardware. The background is dark and out of focus, creating a dramatic effect.

Picking up correctly different instruments on the stage without feedback or interferences requires specifically designed microphones. PROEL offers different models of high-quality, reliable stage microphones tailored for specific instruments, to be used wired or in a wireless setup.

## DM1



- Professional dynamic drum microphone
- Cardioid Polar Pattern for an accurate sound reproduction without unnecessary background noise
- Frequency Response tailored for percussions, snare drums, toms and other instruments
- High gain before feedback
- Internal shock mount for reduced handling noise
- Compact design reduces stage clutter
- Hardened steel mesh grille

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 16000 Hz
Sensitivity	-55 dB
Max Spl for 1% THD	135 dB
Impedance	600 Ω
Connector	XLR
Weight	145 g
Dimensions	L 85 x Ø 45 mm
Colour	Black
Accessories	Drum support

## DM12



- Professional dynamic instrument microphone
- Super-cardioid Polar Pattern
- Fast transient response
- Low frequency extension
- Designed to be used with bass drums, bass guitar cabs, tubas and other low frequency instruments
- Internal shock mount for reduced handling noise
- Durable metal construction with hardened steel mesh grille

Type	Dynamic
Polar Pattern	Super-cardioid
Frequency Response	50 - 16000 Hz
Sensitivity	-58 dB
Max Spl for 1% THD	152 dB (calculated)
S/N Ratio	> 65 dB
Impedance	400 Ω
Connector	3 pin XLR male
Weight	320 g
Dimensions	L 105 x Ø 65 mm

# INSTRUMENT MICROPHONES

## CM602



- Permanently polarized condenser capsule (back electret)
- Cardioid Polar Pattern
- Light and rugged construction
- High applicable SPL for close miking on stage
- Particularly suited as overhead for drums and percussion, for the hi-hat, wood wind and brass instruments, guitar

Type	Back electret condenser
Polar Pattern	Uni-directional
Frequency Response	50 - 18000 Hz
Sensitivity	-45 dB
Max Spl for 1% THD	130 dB
Self noise	< 22 dB
S/N Ratio	> 70 dB
Impedance	250 Ω
Recommended Load Impedance	1000 Ω
Power Requirement	+48 vdc Phantom
Connector	3 pin Male XLR
Weight	240 g
Dimensions	H 135 x Ø 23 mm



Package for miking up a  
8-piece drumset  
includes ABS carrying and storage case

## DMH5XL

- 5pcs drum kit
- Includes:
  - DM12 1pc
  - DM1 3pcs
  - CM602 1pcs
  - APM47 3pcs
- ABS carrying case

## DMH8XL

- 8pcs drum kit
- Includes:
  - DM12 1pc
  - DM1 4pcs
  - CM602 3pcs
  - APM47 4pcs
- ABS carrying case

## HCS20

- Miniature condenser microphone
- 8 mm permanently polarized condenser capsule
- Cardioid Polar Pattern
- Phantom adapter
- Built-in windscreen (additional external windscreen included)
- Designed for on-stage use with instruments, specifically saxophone, clarinet, trombone, trumpet

Type	Back electret condenser
Polar Pattern	Cardioid
Frequency Response	50 - 16000 Hz
Sensitivity	-45dB
Max Spl for 1% THD	130 dB
S/N Ratio	> 70 dB
Impedance	2000 $\Omega$ $\pm$ 30%
Power Requirement	+48 vdc Phantom
Cable	L 1000 x Ø 2 mm
Colour	Black
Accessories	Windscreen

## HCS30

- Miniature condenser clip microphone
- Cardioid Polar Pattern
- High gain before feedback
- Open and natural sound
- Wireless compatible
- Designed to be used with most acoustic instruments
- Available clip mounts for different acoustic instruments (optional): HCSA: cello - HCSD: guitar

Type	Back electret condenser
Polar Pattern	Cardioid
Frequency Response	50 - 16000 Hz
Sensitivity	-45 dB
Max Spl for 1% THD	130 dB
S/N Ratio	> 70 dB
Impedance	2000 $\Omega$ $\pm$ 30%
Power Requirement	+48 vdc Phantom
Cable	L 1000 x Ø 2 mm
Colour	Black
Accessories	Windscreen



# INSTALLATION **MICROPHONES**



PROEL installation microphones have been designed for installed sound applications, where dependability and durability are the main requirements. They are available in a variety of boundary, podium and desktop models.

## PA MG300



- Permanently polarized condenser capsule
- Unidirectional polar pattern
- High-pass filter
- 30 cm gooseneck with dual flexible section
- Foam anti-pop screen included

Type	Back Electret Condenser
Polar Pattern	Uni-Directional
Frequency Response	150 - 18000 Hz
Sensitivity	-45 dB ± 3 dB
Max Spl for 1% THD	132 dB
Recommended Load Impedance	1000 Ω
Power Requirement	+48 vdc
Connector	3 pin male XLR
Weight	118 g
Dimension	H 300 mm

## MGN24



- Gooseneck condenser microphone
- Cardioid Polar Pattern
- High-pass filter
- 50cm gooseneck with two flexible sections
- Ideal applications include conference rooms, altars and podiums

Type	Condenser single 1" diaphragm
Polar Pattern	Uni-Directional
Frequency Response	30 - 18000 Hz
Sensitivity	-36 dB
Max Spl for 1% THD	130 dB
S/N Ratio	76 dB
Impedance	250 Ω
Recommended Load Impedance	1000 Ω
Power Requirement	+48 vdc Phantom
Connector	3 pin male XLR
Weight	317 g
Dimensions	L 498 x Ø 25 mm
Colour	Black
Accessories	Microphone holder

## PA BMG2



- Die-cast zinc base
- Uni-directional Polar Pattern
- Phantom power supply
- Flexible stem
- Ring light
- On/off switch

Type	Condenser single 0,5" gold diaphragm
Polar Pattern	Uni-Directional
Frequency Response	20 - 20000 Hz
Sensitivity	-40 dB
Max Spl for 1% THD	135 dB
S/N Ratio	79 dB
Impedance	250 Ω
Recommended Load Impedance	1000 Ω
Power Requirement	+48 vdc Phantom
Connector	3 pin male XLR
Weight	435 g
Dimensions	L 480 x Ø 25 mm
Colour	Black
Accessories	Microphone holder

# INSTALLATION MICROPHONES



## PA BM103T

- Universal desktop base for gooseneck microphones
- Scratch-proof plastic housing
- ON/OFF button
- Requires phantom power
- Can be used with any PROEL mixer or integrated amplifier
- XLR-3P input connector and standard XLR output connector



## MFC81

- Shotgun style condenser microphone
- Permanently polarized condenser capsule
- Switchable cardioid / uni-directional Polar Pattern
- Switchable sensitivity for shotgun or handheld applications (switch OFF/ NORMAL/TELE)
- Phantom / battery powering
- Combines the advantages of a half shotgun with those of a handheld interview microphone

Type	Back electret
Polar Pattern	Cardioid / Uni-directional
Frequency Response	100 -20000 Hz
Sensitivity	-45 dBv; -38 dBv
Max Spl for 1% THD	130 dB
Impedance	1000 $\Omega$
Recommended Load Impedance	2300 $\Omega$
Power Requirement	+48 vdc Phantom; 1,5 Volt battery
Connector	3 Pin Male XLR
Weight	120 g
Dimensions	H 360 x Ø 21 mm



# CONFERENCE SYSTEMS



The WCS1000 Wireless Conference System provides advanced technology, ease of use and flexibility in a full modular setup. As a buyer or installer, if you are looking for reliability, intuitive operation and versatility WCS System is the choice for you.

# CONFERENCE SYSTEMS



## WCS1000CV2

- PLL UHF Transmitter
- Uni-directional condenser microphone
- 3 function Key to set the microphone state
- Microphone On/Off Key
- 3 x 1.5V battery power supply
- Up to 50mt RF range

### AUDIO CHANNEL

Transmission Method	UHF Wireless (one way)
Audio Channel	5 (1 chairman, 4 delegate)
Carrier Frequency Band	626 MHz~658 MHz
Modulation Method	FM
Maximum Modulation	60 kHz
Radiant Power	≤ +9 dBm
Frequency Deviation	< 0.002
Frequency Response	50 -15000 Hz
S/N Ratio	> 85 dB
THD	< 0.8 %

### DATA CONTROL CHANNEL

Transmission Method	Wireless (two-way)
Data Channel	16
Frequency Range	433.4MHz~434.4MHz
Modulation Method	FSK
Sensitivity	-100 dBm
Transmission Consumption	≤ 6 dBm
Communication Rate	100 KBPS
Frequency Deviation	< 0.002

### SYSTEM

Power Supply	DC 3.7~4.5V
Signal Covering Range	Radius 60 meters
Consumption Rating	Standby: ≤ 360 mW Speaking: ≤ 630 mW
Operating Temperature Range	-10° - 40°C
Dimensions	H 58 x L 178 x W 115 mm
Weight	700 g

## WCS1000DV2

- PLL UHF Transmitter
- Uni-directional condenser microphone
- 2 function Key to set the microphone state
- Microphone On/Off Key
- 3 x 1.5V battery power supply
- Up to 50mt RF range

### AUDIO CHANNEL

Transmission Method	UHF Wireless (one way)
Audio Channel	5 (1 chairman, 4 delegate)
Carrier Frequency Band	626 MHz~658 MHz
Modulation Method	FM
Maximum Modulation	60 kHz
Radiant Power	≤ +9 dBm
Frequency Deviation	< 0.002
Frequency Response	50 -15000 Hz
S/N Ratio	> 85 dB
THD	< 0.8 %

### DATA CONTROL CHANNEL

Transmission Method	Wireless (two-way)
Data Channel	16
Frequency Range	433.4MHz~434.4MHz
Modulation Method	FSK
Sensitivity	-100 dBm
Transmission Consumption	≤ 6 dBm
Communication Rate	100 KBPS
Frequency Deviation	< 0.002

### SYSTEM

Power Supply	DC 3.7~4.5V
Signal Covering Range	Radius 60 meters
Consumption Rating	Standby: ≤ 360 mW Speaking: ≤ 630 mW
Operating Temperature Range	-10° - 40°C
Dimensions	H 58 x L 178 x W 115 mm
Weight	700 g

# WCS1000RXV2



- PLL UHF Receiver
- Three operating modes: FIFO, LIMIT MODE, CHAIRMAN ONLY
- LCD display
- Individual level control for each channel
- Connection interface for external video processor
- Balanced outputs
- 19" rack-mount metal case

## AUDIO CHANNEL

Transmission method	UHF Wireless (one way)
Audio Channel	5 (1 chairman, 4 delegate)
Carrier Frequency Band	626 MHz~658 MHz
Modulation Method	FM
Receiving Sensitivity	-100 dBm
Audio Gain	≤ 20
Frequency Response	50 -15000 Hz
S/N Ratio	> 85 dB
THD	< 0.8 %

## DATA CONTROL CHANNEL

Transmission Method	Wireless (two-way)
Data Channel	16
Frequency Range	433.4 MHz~434.4 MHz
Modulation Method	FSK
Sensitivity	-100 dBm
Transmission Consumption	≤ 6 dBm
Communication Rate	100 Kbps
Frequency Deviation	< 0.002

## SYSTEM

Power Supply	DC12~15V ≤ 1A
Signal Covering Range	Radius 60 m
Consumption Rating	7 W
Operating Temperature Range	-10° - 40°C
Dimensions	H 85 x L 485 x W 355 mm
Weight	7000 g

# WCS1000CH

- Able to charge up to 16pcs rechargeable lithium batteries
- Universal Power Requirement AC110 ~230V
- Electronic circuit for intelligent charging
- Retractable handle and wheels for transport

Items	Parameter
Power Supply	110V-240V/50 Hz~60 Hz
Consumption Rating	200 W
Charge Quantity	16
MAX Charging Current of Each Unit	700 mA
Charging Time	About 8~10 hours
Charging Status	Red LED flashing - Charging, Green LED - Full Charged
Operating Temperature Range	0° - 40°C
Dimensions	H 175 x L 620 x W 370 mm
Weight	9000 g





PROEL offers a wide range of wireless microphone, from single-channel VHF models to multiple-channel PLL UHF and 2.4 GHz digital systems, all of them available with handheld and bodypack transmitter and also with a combination of both. Such a wide choice of models ensures that you can find the perfect combination of performance and value for virtually any kind of application, ranging for single-source simple speech setup to large on-stage multi-channel systems.

# WIRELESS **MICROPHONES**



# WIRELESS MICROPHONES



## RMW1000

- PLL UHF Wireless Microphone System
- Available frequency range 551 -581 Mhz
- 50 meter / 160 feet range
- 50 Hz - 15 kHz Frequency Response
- -105 dB signal / noise ratio
- 121 selectable channels
- True Diversity
- Up to 6 systems usable in the same location depending on the circumstances
- Automatic channel scan
- IR sync
- Hand-held metal body
- ABS carrying and storage case

### RMW1M



Transmitter Type

Frequency Range

RF Frequency Stability

Modulation Method

Audio Frequency Response

THD

Dynamic Range

S/N Ratio

RF Output Power

Current Drain

Tone Pilot Frequency

Mic Capsule

Power Requirement

Battery Life

Dimensions

Weight

PLL synthesized

UHF 551 -581 Mhz

0,01 %

FM (F3E)

50 - 15000 Hz

< 1 %

≥ 100 dB

≥ 90 dB

<10 mW

160 mA

30 ~ 33 kHz

Dynamic

2 x 1,5 Volt AA type

8 hours

H 250 x Ø 35 mm

290 g

### RMW1000



Receiver Type

Frequency Range

RF Frequency Stability

Modulation Method

Audio Frequency Response

THD

Dynamic Range

Sensitivity

Output Level

Power Requirement

Dimensions

Weight

PLL synthesized

UHF 551 -581 Mhz

0,01 %

FM (F3E)

50 -15000 Hz

< 0,8 %

≥ 100 dB

-105 dB

-13 dBv Balanced -2 dBv

unbalanced 1/4 jack

+12 - 15 vdc 300 mA

H 42 x L 197 x W 134 mm

820 g

### RMW1H



Transmitter Type

Frequency Range

RF Frequency Stability

Modulation Method

Audio Frequency Response

THD

Dynamic Range

S/N Ratio

RF Output Power

Current Drain

Tone Pilot Frequency

Microphone Condenser

Power Requirement

Battery Life

Dimensions

Weight

PLL synthesized

UHF 551 -581 Mhz

0,01 %

FM (F3E)

50 - 15000 Hz

< 1 %

≥ 100 dB

≥ 90 dB

< 10 mW

160 mA

30 ~ 33 kHz

Headset

2 x 1,5 Volt AA type

8 hours

H 108 x L 64 x W 19 mm

100 g

## RMW1000 SYSTEMS



### RMW1000M

Receiver RMW1000

1x Transmitter RMW1M

### RMW1000H

Receiver RMW1000

1x Bodypack RMW1H

# RMW1000D



- PLL UHF Wireless Microphone System
- Available frequency range 551 -581 Mhz
- 50 meter / 160 feet range
- 50 Hz - 15 kHz Frequency Response
- -105 dB signal / noise ratio
- 121 selectable channels
- True Diversity
- Automatic channel scan
- IR sync
- Hand-held metal body

## RMW1M



Transmitter Type	PLL synthesized
Frequency Range	UHF
RF Frequency Stability	0,01 %
Modulation Method	FM (F3E)
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	≥ 100 dB
S/N Ratio	≥ 90 dB
RF Output Power	<10 mW
Current Drain	160 mA
Tone Pilot Frequency	30 ~ 33 kHz
Mic Capsule	Dynamic
Power Requirement	2 x 1,5 Volt AA type
Battery Life	8 hours
Dimensions	H 250 x Ø 35 mm
Weight	290 g

## RMW1000D



Receiver Type	PLL synthesized
Frequency Range	UHF 551 -581 Mhz
RF Frequency Stability	0,01 %
Modulation Method	FM (F3E)
Audio Frequency Response	50 -15000 Hz
THD	< 0,8 %
Dynamic Range	≥ 100 dB
Sensitivity	-105 dB
Output Level	-13 dBv Balanced-2 dBv unbalanced ¼ jack
Power Requirement	+12 - 15 vdc 300 mA
Dimensions	H 42 x L 197 x W 134 mm
Weight	820 g

## RMW1H



Transmitter Type	PLL synthesized
Frequency Range	UHF
RF Frequency Stability	0,01 %
Modulation Method	FM (F3E)
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	≥ 100 dB
S/N Ratio	≥ 90 dB
RF Output Power	< 10 mW
Current Drain	160 mA
Tone Pilot Frequency	30 ~ 33 kHz
Microphone Condenser	Headset
Power Requirement	2 x 1,5 Volt AA type
Battery Life	8 hours
Dimensions	H 108 x L 64 x W 19 mm
Weight	100 g

## RMW1000D SYSTEMS



### RMW1000DM

Receiver RMW1000D  
2x Transmitter RMW1M



### RMW1000DH

Receiver RMW1000D  
2x Bodypack RMW1H

# WIRELESS MICROPHONES



## RMW821

- UHF Dual Band 821 - 832 and 863 - 865 MHz, 13MHz Band
- Frequencies selectable in steps of 25 kHz
- Up to 50 mt /100 feet range (open space)
- Ir Synchronization
- True diversity receiver
- Up to 6 systems usable in the same location depending on the circumstances
- ABS carrying and storage case

### WM8M

Carrier Frequency Range	821-832 MHz and 863 - 865 MHz
Modulation Method	FM (F3E)
Transmission Distance	Up to 50 m (open space)
RF Frequency Stability	0,002 %
Audio Frequency Response	50 -15000 Hz
RF Max Deviation	±50 kHz
Spurious Emission	Under limits EN300422
RF Output Power	< 10 dBm Max Erp (Effective Radiated Power )
Mic Capsule	Dynamic
Polar Pattern	Cardioid
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 8 hours
Dimensions	H 260 x Ø 45 mm

### WM821

Receiver Type	UHF Band 821 - 832 MHz and 863 - 865 MHz
Frequency Range	and 863 - 865 MHz
RF Frequency Stability	0,002 %
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dBm
RF Interference Rej	> 70 dBm
Sensitivity	-105 dB
Audio Frequency Response	60 - 18000 Hz
THD	< 1 %
Dynamic Range	> 90 dB
S/N Ratio	> 100 dB
Power Requirement	+12 - 15 vdc 500 mA
Output Connector	Unbalanced 1/4" jack - XLR 3 balanced
Dimensions	H45xL210xW160 mm

### WM8B

Carrier Frequency Range	821 - 832 MHz and 863 - 865 MHz
Modulation Method	FM (F3E)
Transmission Distance	Up to 50 m (open space)
RF Frequency Stability	0,002 %
Audio Frequency Response	50 -15000 Hz
RF Max Deviation	±50 kHz
Spurious Emission	Under limits EN300422
RF Output Power	< 10 dBm Max Erp (Effective Radiated Power )
Mic Capsule Headset	Back electret condenser
Polar Pattern	Omnidirectional
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 8 hours
Dimensions	H 73 x L 58 x W 22 mm

## RMW821 SYSTEMS



**RMW821M**  
Receiver WM821  
1x Transmitter WM8M



**RMW821H**  
Receiver WM821  
1x Bodyspack WM8B

## WM240

- Wireless Microphone System
- 2.4 GHz ISM range
- GFSK digital modulation / demodulation
- Digital Diversity
- Up to 25 meters / 100 feet range
- 50 - 15000 Hz Frequency Response
- Low-profile desktop receiver with foldable antenna
- Guitar cable included in WM240B set
- Intelligent frequency hopping
- ABS carrying and storage case
- Up to 3 systems usable in the same location depending on the circumstances



### WM24M

Frequency Range	2.404 - 2.476 GHz
RF Output Power	10 dBm Max Effective Radiated Power
Transmission Distance	Up to 25 m (open space)
Audio Frequency Response	50 - 15000 Hz (16bit -38.4 kHz)
THD	< 0.05 % @ 1 kHz
S/N Ratio	> 89 dB
Transmission Delay	18 ms
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 20 hours
Dimensions	H 287 x Ø 47 mm

### WM240

Frequency Range	2.404 - 2.476 GHz
Sensitivity	-78 dB
Audio Frequency Response	50 - 15000 Hz (16bit -38.4 kHz)
THD	< 0.05 % @ 1 kHz
S/N Ratio	> 89 dB
Transmission Delay	18 ms
Output Connector	Unbalanced 1/4" jack
Power Requirement	DC 12 V 200 mA
Dimensions	H48x L215x W115 mm

### WM24B

Frequency Range	2.404 - 2.476 GHz
RF Output Power	10 dBm Max Effective Radiated Power
Transmission Distance	Up to 25 m (open space)
Audio Frequency Response	50 - 15000 Hz (16bit -38.4 kHz)
THD	< 0.05 % @ 1 kHz
S/N Ratio	> 89 dB
Transmission Delay	18 ms
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 20 hours
Dimensions	H85xL 62 x W22 mm

## WM240 SYSTEMS



### WM240M

Receiver WM240  
1x Transmitter WM24M



### WM240B

Receiver WM240  
1x Bodysuit WM24B  
1x Guitar cable

# WIRELESS MICROPHONES



## WM600

- PLL UHF Wireless Microphone System
- 863 - 865 MHz frequency range
- 30 meter / 100 feet range
- 50 Hz - 15 kHz Frequency Response
- -105 dB signal / noise ratio
- Low-profile desktop receiver with two foldable antennas
- 4 selectable frequency channels
- Up to 4 systems usable in the same location
- ABS carrying and storage case



## WM6M

RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 235 x Ø 47 mm

## WM600

Receiver Type	PLL UHF 4 channel
Frequency Range	UHF 863~865 MHz
RF Frequency Stability	0,002%
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dB
RF Interference Rej	> 70 dB
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	> 100 dB
S/N Ratio	> 105 dB
Output Connectors	Balanced XLR Unbalanced 1/4" jack
Power Requirement	DC 13-15 V DC / 200 mA
Dimensions	H45xL175xW135 mm

## WM6H

RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 100 x L 65 x W 30 mm

## WM600 SYSTEMS



## WM600M

Receiver WM600  
1x Transmitter WM6M



## WM600H

Receiver WM600  
1x Bodypack WM6B

# WM600D



## WM6M

RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 235 x Ø 47 mm

## WM600D

Receiver Type	PLL UHF 4 channel
Frequency Range	UHF 863~865 MHz
RF Frequency Stability	0,002%
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dB
RF Interference Rej	> 70 dB
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	> 100 dB
S/N Ratio	> 105 dB
Output Connectors	Balanced XLR Unbalanced 1/4" jack
Power Requirement	DC 13-15 V DC / 200 mA
Dimensions	H45xL175xW135 mm

## WM6H

RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 100 x L 65 x W 30 mm

## WM600D SYSTEMS



### WM600DM

Receiver WM600D  
2 x Transmitter WM6M



### WM600DH

Receiver WM600D  
2 x Bodypack WM6B  
2 x Headset LWM1 + HWM1



### WM600DKIT

Receiver WM600D  
1x Transmitter WM6M  
1x Bodypack WM6H  
1x Headset LWM1 + HWM1

# WIRELESS MICROPHONES

## WM202



- Diversity UHF Channel Wireless Microphone System
- 863 - 865 MHz frequency range
- New frequency display on the receiver
- 30 meter / 100 feet range
- 50 Hz - 15 kHz Frequency Response
- -105 dB signal / noise ratio
- Low-profile desktop receiver with two foldable antennas
- Up to 3 systems usable in the same location
- ABS carrying and storage case

### WM2M



RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 235 x Ø 47 mm

### WM202



Receiver Type	UHF BAND
Frequency Range	UHF 863~865 MHz
RF Frequency Stability	0,002 %
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dB
RF Interference Rej	> 70 dB
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	> 100 dB
S/N Ratio	> 105 dB
Output Connectors	Balanced XLR Unbalanced 1/4" jack
Power Requirement	DC 13-15 V DC / 200mA
Dimensions	H 45 x L 175 x W 135 mm

### WM2H



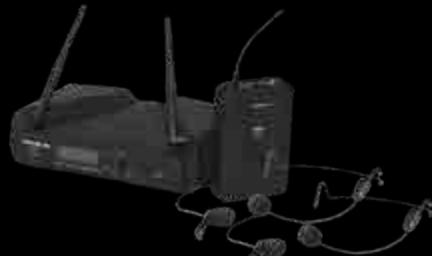
RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 100 x L 65 x W 30 mm

## WM202 SYSTEMS



### WM202M

Receiver WM202  
1 x Transmitter WM2M



### WM202H

Receiver WM202  
1 x Bodypack WM2H  
2 x Headset LWM1 + HWM1



### WM202KIT

Receiver WM202  
1x Transmitter WM2M  
1x Bodypack WM2B  
1x Headset LWM1 + HWM1

# WM202D

- Diversity UHF Dual Channel Wireless Microphone System
- 863 - 865 MHz frequency range
- New frequency display on the receiver
- 30 meter / 100 feet range
- 50 - 15000 Hz Frequency Response
- -105 dB signal / noise ratio
- Low-profile desktop receiver with two foldable antennas
- Up to 2 systems usable in the same location
- ABS carrying and storage case



## WM2M

RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 235 x Ø 47 mm

## WM202D



Receiver Type	UHF BAND
Frequency Range	UHF 863~865 MHz
RF Frequency Stability	0,002 %
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dB
RF Interference Rej	> 70 dB
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	> 100 dB
S/N Ratio	> 105 dB
Output Connectors	Balanced XLR Unbalanced 1/4" jack
Power Requirement	DC 13-15 V DC / 200mA
Dimensions	H45 x L175 x W135 mm

## WM2H



RF Frequency Band	863~865 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Max Deviation	±40 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 100 x L 65 x W 30 mm

## WM202D SYSTEMS



### WM202DM

Receiver WM202D  
2x Transmitter WM2M



### WM202DH

Receiver WM202D  
2x Bodypack WM2H  
2x Headset LWM1 + HWM1

# WIRELESS MICROPHONES



## WM101

- UHF 863 - 865 MHz ISM Band
- Available in 3 frequencies
- Up to 25 mt /100 feet range (open space)
- 50 - 15000 Hz
- Low profile desktop receiver
- ABS carrying and storage case



### WM11M

Carrier Frequency Range	863 - 865 MHz
Modulation Method	FM (F3E)
Transmission Distance	Up to 25 m (open space)
RF Frequency Stability	0,002 %
Audio Frequency Response	50 - 15000 Hz
RF Max Deviation	±50 kHz
Spurious Emission	Under limits EN300422 < 10 dBm Max Erp (Effective Radiated Power)
RF Output Power	Dynamic
Mic Capsule	Cardioid
Polar Pattern	Cardioid
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 8 hours
Dimensions	H 260 x Ø 45 mm

### WM101

Receiver Type	UHF Band
Frequency Range	863 - 865 MHz
RF Frequency Stability	0,002 %
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dBm
RF interference Rej	> 70 dBm
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1%
Dynamic Range	> 90 dB
S/N Ratio	> 100 dB
Power Requirement	DC 13-15 V DC / 500mA
Output Connector	Unbalanced 1/4" jack
Dimensions	H 45xL 150xW 118 mm

### WM11B

Carrier Frequency Range	863 - 865 MHz
Modulation Method	FM (F3E)
Transmission Distance	Up to 25 m (open space)
RF Frequency Stability	0,002 %
Audio Frequency Response	50 - 15000 Hz
RF Max Deviation	±50 kHz
Spurious Emission	Under limits EN300422 < 10 dBm Max Erp (Effective Radiated Power)
RF Output Power	Back electret condenser
Mic Capsule Headset	Cardioid
Polar Pattern	2 x 1,5 Volt AA type
Power Requirement	Up to 8 hours
Battery Life	H 95 x L 65 x W 23 mm
Dimensions	

## WM101 SYSTEMS



### WM101M

Receiver WM101  
1 x Transmitter WM11M

### WM101H

Receiver WM101  
1 x Bodypack WM11B  
1 x Headset HWM1

### WM101KIT

Receiver WM101  
1x Transmitter WM11M  
1x Bodypack WM11B  
1x Headset HWM1

## WM101D



- UHF 863 - 865 MHz ISM Band
- Up to 25 mt /100 feet range (open space)
- 50 - 15000 Hz
- Low profile desktop receiver



### WM11M

Carrier Frequency Range	863 - 865 MHz
Modulation Method	FM (F3E)
Transmission Distance	Up to 25 m (open space)
RF Frequency Stability	0,002 %
Audio Frequency Response	50 - 15000 Hz
RF Max Deviation	±50 kHz
Spurious Emission	Under limits EN300422 < 10 dBm Max Erp (Effective Radiated Power)
RF Output Power	Dynamic
Mic Capsule	Cardioid
Polar Pattern	Cardioid
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 8 hours
Dimensions	H 260 x Ø 45 mm

### WM101D



Receiver Type	UHF Band
Frequency Range	863 - 865 MHz
RF Frequency Stability	0,002 %
Modulation Method	FM (F3E)
RF Image / Spurious Rej	> 70 dBm
RF interference Rej	> 70 dBm
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1%
Dynamic Range	> 90 dB
S/N Ratio	> 100 dB
Power Requirement	DC 13-15 V DC / 500mA
Output Connector	Unbalanced 1/4" jack
Dimensions	H 45xL150xW118 mm

### WM11B

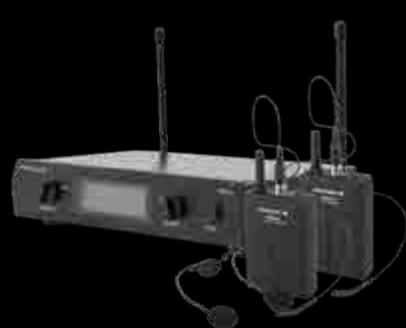
Carrier Frequency Range	863 - 865 MHz
Modulation Method	FM (F3E)
Transmission Distance	Up to 25 m (open space)
RF Frequency Stability	0,002 %
Audio Frequency Response	50 - 15000 Hz
RF Max Deviation	±50 kHz
Spurious Emission	Under limits EN300422 < 10 dBm Max Erp (Effective Radiated Power)
RF Output Power	Back electret condenser
Mic Capsule Headset	Cardioid
Polar Pattern	Cardioid
Power Requirement	2 x 1,5 Volt AA type
Battery Life	Up to 8 hours
Dimensions	H 95 x L 65 x W 23 mm

## WM101D SYSTEMS



### WM101DM

Receiver WM101  
1 x Transmitter WM11M



### WM101DH

Receiver WM101  
1 x Bodypack WM11B  
1 x Headset HWM1

# WIRELESS MICROPHONES



## WM100M

- VHF Wireless Microphone System
- 175 - 216 MHz frequency range
- 30 meter / 100 feet range
- 50 Hz - 15 kHz Frequency Response
- 95 dB audio dynamic range
- Low-profile desktop receiver with two foldable antennas
- Up to 5 systems usable in the same location depending on the circumstances
- ABS carrying and storage case



## WM1M

RF Frequency Band	174~216 MHz
Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Modulation	> 30 kHz
Audio Frequency Response	50 - 15000 Hz
Spurious Emission	Under limits EN 300422
RF Output Power	< 10 dBm
Power Requirement	2 x 1,5 Volt AA type
Dimensions	H 283 x Ø 50 mm

## WM100



Receiver Type	VHF BAND
Frequency Range	VHF 174~216 MHz
RF Frequency Stability	0,00002
Modulation Method	FM (F3E)
RF Image Rection	-75 dB
RF Interference Reject	> 70 dB
Sensitivity	-105 dB
Audio Frequency Response	50 - 15000 Hz
THD	< 1 %
Dynamic Range	>100 dB
S/N Ratio	> 70 dB
Output Connector	Balanced XLR Unbalanced 1/4" jack
Power Requirement	DC 13-15 V DC / 200mA
Dimensions	H 45 x L175 x W 135 mm



## PA UHFSPLITAL

This professional active antenna splitter / booster splits the signal received from the two main "master" antennas to four channels. Combined with two antennas (UHFGP or ANT700) and four RMW1000 multi-frequency receivers, it forms a high-sensitivity four-channel receiving system. The splitter has four 12VCD outputs for direct power supplying of the 4 wireless receivers.



Frequency band	470 - 900 MHz
Output Connectors	INPUT: 2 x TN ; OUTPUT: 8 x TNC
Dimensions	H 44 x L 483 x W 250 mm
Input Impedance	50 Ω
Output Impedance	50 Ω
Power Requirement	12 - 18 vdc
Notes	INPUT/OUTPUT GAIN: +3 dB

## ANT700

Wideband design for use with all professional UHF systems.  
Improves RF signal gain by 4dB.



Frequency Range	470 ~ 900 MHz
Effective Working Angle	70°
Antenna Impedance	50 Ω
Antenna Gain	4 dB
Connector	TNC
Weight	400 g
Dimensions	H 260 x L 295 x W 5 mm



# PERSONAL MONITOR SYSTEMS



Offering the performance and the versatility of a high quality personal ear monitor system, PROEL RM3000 represents an affordable alternative to traditional stage monitors for its ease of use, its full set of features and its flexibility.

## RM3000TR

- ½ rack unit transmitter in a metal chassis
- 8 selectable frequencies (PLL synthesized)
- Audio level indicators (L&R)
- Channel selector and display
- Headphone output
- Audio input level control
- Combo inputs (Jack or XLR)
- Selectable mono or stereo mode



Frequency Range	863~865 MHz
Channel	8 selectables
Oscillation Mode	PLL synthesized
Maximum Deviation Range	70 kHz
Frequency Stability	±0.005 % (0°C~+60°C)
Modulation Mode	FM (F3E) stereo modulation
RF Output Power	low<10 mW; middle<50 mW; high<100 mW(depending on national rules)
Spurious Rejection	Under limits EN 300422
Audio Frequency Response	50 - 15000Hz
THD	< 1 % (at 1 kHz, max deviation)
Audio Input	line level x2, XLR/ Ø 6.3 mm combo socket
Audio Output	XLR phone jack x 2
Earphone Output	Ø 6.3 mm stereo jack with adjustable volume
Earphone Output Impedance	16 Ω
Output Power (32Ω)	2 x 100 mW @ 1 kHz (THD 3%)
Amplifier Gain	low/high 10 dB
Antenna Connector	tnc (50 Ω impedance)
Power Requirement	12~18 vdc 500 mA

## RM3000R

- Bodypack receiver
- LCD display plus RF and AF indicators
- Battery level indicator
- Headphone output 2x100 mW @ 16 Ω
- Selectable limiter
- Selectable mono or stereo mode
- > 6 hours of use from 2 x 1,5 V battery
- EB10 earphones included



Frequency Range	863~865 MHz
Bandwidth	2 MHz
Channel	8 selectables
Oscillation Mode	PLL synthesized
Maximum Deviation Range	70 kHz
Frequency Stability	±0.005 % (0°C~+60°C)
Modulation Mode	FM (F3E) stereo modulation
Receiving Mode	single receiving
Sensitivity	-110 dBm
Squelch Level	unchangeable
THD	< 0.5 % @ 1 kHz
Maximum S/N Ratio	90 dBa (a weighted)
Audio Frequency Response	50 - 15000 Hz
Stereo Separation	> 45 dB @ 1 kHz
Output Jack	Ø 3.5 mm stereo earphone jack
Output Power (32Ω)	2x100 mW @ 1 kHz (THD 3%)
Earphone Impedance	16 Ω
Power Requirement	2 x 1,5 Volt AA type
Battery Life	8 hours (under moderate volume)

# HEADSET MICROPHONES



The progress in microphone technology has brought to a gradual reduction of transducer dimensions, thus microphones can now be so small that it is difficult to spot them. Our Headset Series mics, provided with a choice of connection adapters, can be used in combination with most of the professional wireless systems.

## HCM08



- 3,5mm permanently polarized condenser capsule
- Omnidirectional Polar Pattern
- 2 adaptors included (AD4SH - AD3SE)
- Supplied with HCMBAG

Type	Back Electret Condenser
Polar Pattern	Omnidirectional
Frequency Response	20 - 20000 Hz
Sensitivity	-35 dB
Max Spl for 1% THD	130 dB
Equivalent Noise Level	20 dB - A
Impedance	1500 Ω
Recommended Load Impedance	> 2000 Ω
Power Requirement	1,5 - 10 vdc
Connector (Changeable)	AD4SH - AD3SE
Weight	18 g
Dimension Capsule	Ø 3,5 mm
Colour	beige

## HCM08PRO



- Very small size and super light-weight flexible miniature microphone
- 3.5 mm permanently polarized condenser capsule
- Double vent protection system for use in theatre and spoken word applications
- 3 adaptors included (AD4SH-AD3SE-AD3AK)
- Replaceable cable

Type	Back electret condenser
Polar Pattern	Omnidirectional
Frequency Response	20 - 20000 Hz
Sensitivity	-45 dB
Max Spl for 1% THD	130 dB
S/N Ratio	> 70 dB
Impedance	1500 Ω ±30%
Power Requirement	1.5 V-10 vdc
Connectors (Changeable)	3,5 mm plug; 3 pin mini XLR; 4 pin mini XLR
Weight	25 g
Dimension Capsule	Ø 3 mm
Cable	Ø1,5 x 1200 mm
Accessories	Metal Windscreen

# HEADSET MICROPHONES



## HCM10V2

- Permanently polarized condenser capsule
- Cardioid Polar Pattern
- 3 adaptors included (AD4SH-AD3SE-AD3AK)
- Replaceable cable

Type	Back electret condenser
Polar Pattern	Cardioid
Frequency Response	20 - 20000Hz
Sensitivity	-35 dB
Max Spl for 1% THD	130 dB
Equivalent Noise Level	20 dB-A
Impedance	2000 Ω
Recommended load impedance	2000 Ω
Power Requirement	1,5 -10 vdc
Connectors	3,5 mm plug; 3 pin mini XLR; 4 pin mini XLR
Weight	25 g



## HCM03

- 5 mm permanently polarized condenser capsule
- Omnidirectional Polar Pattern
- Comfortable fixed bi-aural headband
- Available either with 3,5 mm jack (HCM03SE), 4 pin mini-XLR (HCM03)

Type	Back electret condenser
Polar Pattern	Omnidirectional
Frequency Response	20 - 20.000 Hz
Sensitivity	-42 dB
Max Spl for 1% THD	130 dB
Equivalent Noise Level	20 dB-A
Impedance	680 Ω
Recommended Load Impedance	> 2000 Ω
Power Requirement	1,5 - 10 vdc
Connectors	mini jack 3,5 mm (HCM03SE) Mini XLR 4 POLE (HCM03)
Weight	23 g
Dimension Capsule	Ø 5 mm
Colour	beige

## HCM23



- 5 mm permanently polarized condenser capsule
- Omni-directional Polar Pattern
- Comfortable and secure fit with fixed bi-aural headband
- Anti-pop screen
- Available either with 3,5 mm jack (code HCM23SE)  
4 pin mini XLR (code HCM23) or with 3 pin mini XLR (code HCM23AK)

Type	Back electret condenser
Polar Pattern	Omnidirectional
Frequency Response	20 - 20000 Hz
Sensitivity	-45 dB
Max Spl for 1% THD	130 dB
Impedance	1500 Ω ±30%
Recommended Load Impedance	2000 Ω
Power Requirement	1,5 - 10 vdc
Available Connectors	3,5 mm plug (HCM23SE); 3 pin mini XLR (HCM23AK); 4 pin mini XLR (HCM23)
Weight	25 g
Dimension Capsule	Ø 5 mm
Cable	Ø 1,5 x 1200 mm

## HCM38



- Light but sturdy high-quality condenser headset microphone
- Permanently polarized condenser capsule
- Cardioid Polar Pattern
- Ideal for singers, MCs, and aerobics instructors
- Available either with 3,5mm jack (code HCM38SE) or with 4 pin mini XLR (code HCM38)

Type	Back electret condenser
Polar Pattern	Omnidirectional
Frequency Response	20 - 20000 Hz
Sensitivity	-45 dB
Max Spl for 1% THD	130 dB
Impedance	1500 Ω ±30%
Recommended Load Impedance	2000 Ω
Power Requirement	1,5 - 10 vdc
Available Connectors	3,5 mm plug (HCM23SE); 3 pin mini XLR (HCM23AK); 4 pin mini XLR (HCM23)
Weight	25 g
Dimension Capsule	Ø 5 mm
Cable	Ø 1,5 x 1200 mm

# LAVALIER MICROPHONES



PROEL's miniature Lavalier microphones provide the perfect solution for applications requiring a high quality sound in an unobtrusive format. A choice of connection adapters make them suitable for wireless setups, while the PHW100 adapter allows them to be used also in wired mode.

## LCH420



- 5 mm permanently polarized condenser capsule
- Omnidirectional Polar Pattern
- Tie clip microphone
- Mini jack 3,5 mm connector
- Foam anti-pop screen included

Type	Back electret condenser
Polar Pattern	Omnidirectional
Frequency Response	20 - 20000 Hz
Sensitivity	- 42 dB
Max Spl for 1% THD	130 dB
Equivalent Noise Level	20 dB-A
Impedance	1000 Ω
Recommended Load Impedance	> 2000 Ω
Power Requirement	1,5 - 9 vdc
Connector	mini jack 3,5 mm
Weight	8 g
Dimension Capsule	Ø 5 mm
Colour	beige

## LCH370



- High-quality miniature broadcast lavalier microphone
- Flat Frequency Response and wide dynamic range
- 6,5 mm permanently polarized condenser capsule
- Cardioid Polar Pattern
- 3 standard adaptors (AD4SH-AD3SEAD3AK) for use with most of the professional wireless systems currently available
- Anti-pop screen

Type	Back electret condenser
Polar Pattern	Cardioid
Frequency Response	20 - 20000 Hz
Sensitivity	-45 dB
Max Spl for 1%THD	130 dB
Impedance	1500 Ω
Recommended Load Impedance	2000 Ω
Power Requirement	1,5 - 10 vdc
Connectors	mini jack 3,5mm mini XLR 4 pole mini XLR 3 pole
Weight	15 g

## LCM1



- Omni-directional lavalier microphone
- Permanently polarized condenser capsule
- Omni-directional Polar Pattern
- Ideal for MCs or worship leaders

Type	Back plate electret condenser
Polar Pattern	Omnidirectional
Frequency Response	80 - 16000 Hz
Sensitivity	-52 dB
Max Spl for 1%THD	128 dB
Impedance	680 Ω
Recommended load impedance	≥3000 Ω
Power Requirement	1,5 - 7 vdc
Connector	3,5 mm threaded MiniJack
Weight	5 g
Dimensions	Ø 25 x 1000 mm

# HEADPHONES

Music is our passion and we demonstrate it every day in the care we use for making our sound systems. The collaboration between our R&D department and a group of professional musicians has allowed us to design a line of headphones that can make you feel at the center of the music. Deep and defined lows, clear and transparent highs, will make you savor every single detail of your music, be it jazz, pop, rock or classical.

## HFI57



Professional monitor headphones designed specifically for studio applications, offer a flat and extended Frequency Response combined with long wearing listening comfort.

Type	Circumaural headphones, Closed-back
Driver Size	57 mm
Frequency Range	20 - 25000 Hz
Sound Pressure Level (Spl)	102 dB
Power Handling Capability	200 mw
THD	0,1 %
Impedance	32 Ω
Jack Plug	3,5 / 6,3 mm stereo
Cable	2 m
Weight w/o cable	289 g



## HFBTWH

The first Bluetooth headphones by PROEL give you the freedom to enjoy your movies, videos and music unplugged, offering full natural and rich sound and a full freedom of movement. All calls on your smartphone come through loud and clear, even in noisy environments. The rechargeable lithium-ion battery provides seven hours of use or 180 hours in standby time. You can easily recharge it with the included USB cable.

Type	Dynamic
Driver Size	40 mm
Frequency Range	18 - 21000 Hz
Sound Pressure Level (Spl)	103 dB
Power Handling Capability	50 mw
THD	0,10 %
Jack Plug	3,5 mm stereo
Bluetooth® Profiles	HSP, HFP, A2DP, AVRCP
Bluetooth® Version	V. 4.0 + EDR
Frequency Range	2,4 Ghz ISM Band
Power Requirement	Li-Ion 370 mAh 3,7 volt
Battery Life (approx)	6 hours
Operating Distance	< 9 m
USB Cable	Included
Weight	132 g



## HFC25

Lightweight and comfortable, HFC25 allows for fatigue-free listening for extended lengths of time. A snug fit and smaller diameter creates sound isolation and ensures better dynamic range.

Type	Closed, supraaural headphones
Driver Size	40 mm
Frequency Range	20 - 20000 Hz
Sound Pressure Level (Spl)	106 dB
Power Handling Capability	200 mw
THD	0,1 %
Impedance	32 Ω
Jack Plug	3,5 mm stereo
Cable	2 m
Weight w/o cable	197 g

# MICROPHONES **ACCESSORIES**



## APM47

ABS microphone holder with fixing clip, ideal for drums microphoning. All PROEL microphone holders can be applied on the APM47.  
Master pack: 6 pcs.



## APM10

Big ABS microphone holder ( $\varnothing$  Min-Max: 22 - 26 mm).  
Master pack: 12 pcs.



## APM15

Universal ABS microphone clip holder with fastening screw ( $\varnothing$  Min-Max: 20 - 32 mm).  
Master pack: 12 pcs



## APM20

Special rubber microphone holder ( $\varnothing$  Min-Max: 22 - 26 mm). Master pack: 12 pcs



## APM25

ABS microphone holder ( $\varnothing$  Min-Max: 27 - 31 mm).  
Master pack: 12 pcs.



## APM45B

Big professional ABS microphone holder ( $\varnothing$  Min-Max: 32 - 39 mm). Master pack: 12 pcs.



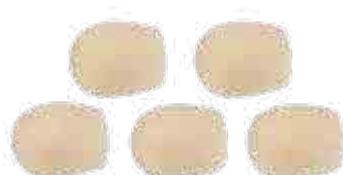
## WS2BK

Small head-mount microphone sponge windscreens set. Inner dimensions:  $\varnothing$  10 mm x 25 mm. Colour: black. Master pack: 1 set.



## WS3BE

5 mm  $\varnothing$  foam windscreens  
Skin Colour  
Suitable for HCM series



# MICROPHONES ACCESSORIES

## WS1BK

Big microphone sponge windscreens. Inner dimension: Ø 45 mm x 115 mm. Colour: black. Master pack: 1 pc.



## WS6MBK

6 universal microphone sponge windscreens set. Inner dimensions: Ø 25 mm x 65 mm. Available models: WS6MBK: black only. Master pack: 1 set.



## PRORF02

Lightweight recording/home studio acoustic diffuser screen. The screen improves the sound of the acoustic space around the microphone. The screen has a metal insert with universal 5/8" thread to be attached to a straight microphone stand. Master pack: 1 pc.



\*Microphone and microphone holder not included

## APOP50

Dual layer nylon screen pop filter, equipped with adjustable gooseneck and universal fastening screw for straight stands. Master pack: 1 pc.



## DST60TL

New desktop microphone metal base/stand, completely collapsible. It comes with an ABS microphone clip and universal adapter. Available in matt black finish (DST60TL).



## DST260

Extensible arm microphone stand featuring fixed desktop base and clip-on base desktop stand. Suggested for radio installations and dubbing studios. 5 m XLR – XLR microphone cable included. Available in matt black (DST260) finish.



\*Microphone and microphone holder not included

## PSE2MKII

The new PSE2MKII is a pack that has a microphone and related accessories for musicians on the move. It includes the essential accessories for stage and recording rooms. The set includes the items RSM195BK (Black microphone stand), DM226 (Dynamic microphone), CHL250LU6 (6 mt microphone cable with black housing, gold pins YONGSHENG XLR connectors) and APM20 (rubber microphone holder). You can find everything in a practical carrying nylon bag.



**DM226**



**CHL250LU6**

### Components:

- **RSM195BK** - New professional microphone stand with boom. Equipped with high stability die cast tripod base, bearing nylon joints to ensure a fluid legs movement. Fully adjustable steel upper joint with die cast junction. Provided with clutch for height adjusting and counterweight made of "soft grip" rubber. Available in scratch-resistant matte black finish.
- **DM226** - DM226 is a vocal microphone with exceptional transparency at midBass frequencies, cardioid Polar Pattern and ergonomic barrel design.
  - Dynamic Capsule - Cardioid Polar Pattern - Flat and extended Frequency Response.
- **CHL250LU6** - CHALLENGE, Professional OFC microphone cable with YONGSHENG 3P XLR female cable mount - YONGSHENG 3P XLR male cable mount, black metal housing and gold pin connections. 6 mt length.
- **APM20** - Special rubber microphone holder ( $\varnothing$  Min - Max: 22 - 26 mm) with 3/8" - 5/8" thread adapter.
- **PSE2BAG** - Practical black Nylon carrying bag with inner padded pockets for microphone and microphone cable. Not available separately



## DST110

Triangular desktop heavy cast iron base with APM40 universal adapter. Available in matt black (DST100) finish.



**DIE CAST**

## RSM230

New professional headphone hanger, with universal clamp compatible with all PROEL microphone stands. Available in matt black finish (RSM230).



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MHCAT19IE

• Tutte le specifiche possono essere variate senza alcuna notifica • Design and specifications subject to change without any notice





# *Microphones* &*Headphones*

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Proel Lab Spa  
Acquaviva Picena

UK

Proel International Ltd.  
London

KOREA

Proel Korea Co. Ltd.  
Gyunggi-Do

MALAYSIA

Proel Malaysia Snd. Bhd.  
Petaling Jaya

USA

Proel North America Inc.  
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TUNISIE

Proel Tunisia Sarl  
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