

# EIKON



# MICROPHONES & HEADPHONES



PROFESSIONAL  
DYNAMIC STEREO HEADPHONES

H100

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# STUDIO & MONITORING







# 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.

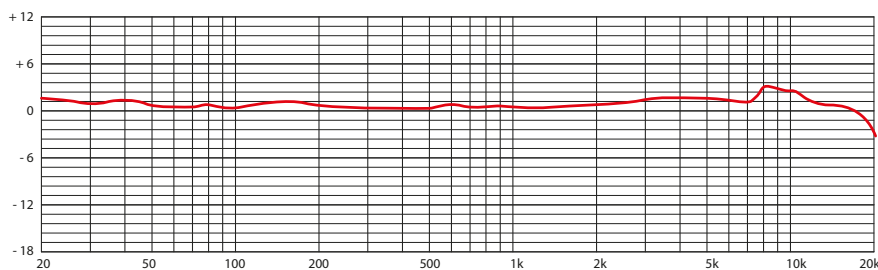
## C14



The C14 condenser microphone is made following the strictest construction standards which make it the ideal microphone for any professional application. Equipped with a 1.1" Mylar capsule with gold-coated surface that guarantees a transparent high frequencies response, getting an excellent vocal range and acoustic instruments image even in the most difficult mixing circumstances. The package includes a shockmount support, anti-pop filter and a sturdy aluminum carrying case.

- Transparent sound with superb detail and warm harmonic content
- Extended low-frequency range response
- WIMA capacitors
- Integrated shockmount support

Type	Pressure Gradient condenser microphone
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
Power Requirement	48 V Phantom Power
Connector	3 Pin XLR Male
Weight	245 g
Dimensions	50,5 Ø x 152 mm
Accessories	Shockmount



# RECORDING MICROPHONES

## RM8

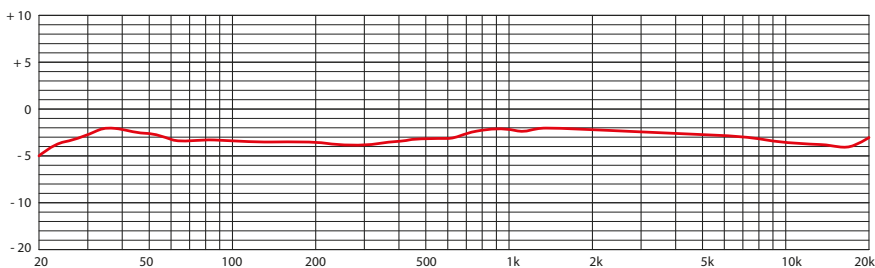


The RM8 ribbon microphone is made following the strictest construction standards which make it the ideal microphone for any professional application. Equipped with Double-sided 0,02 mm pure aluminum foil for an excellent vocal range and acoustic instruments image, even in the most difficult mixing circumstances.

The package includes a shockmount support, anti-pop filter and a sturdy aluminum carrying case.

- Double-sided 0,02 mm pure aluminium foil
- Wide low-frequency range and fast transient response
- WIMA capacitors
- Integrated shockmount support

Type	Ribbon Microphone
Polar pattern	Figure-8
Frequency response	20 Hz - 20 KHz
Sensitivity	- 34 dB $\pm$ 2 db ( 0 dB = 1VPa @ 1 KHz )
Max SPL for 1% THD	130 dB
S/N Ratio	79 dB
Impedance	200 $\Omega$ $\pm$ 30% ( at 1kHz )
Recommended Load Impedance	1000 $\Omega$
Power Requirement	48 V Phantom Power
Connector	3 Pin XLR Male
Weight	912 g
Dimensions	50,5 $\varnothing$ x 152 mm
Accessories	Shockmount





## CM14USB



The CM14USB is a USB/XLR cardioid condenser microphone.

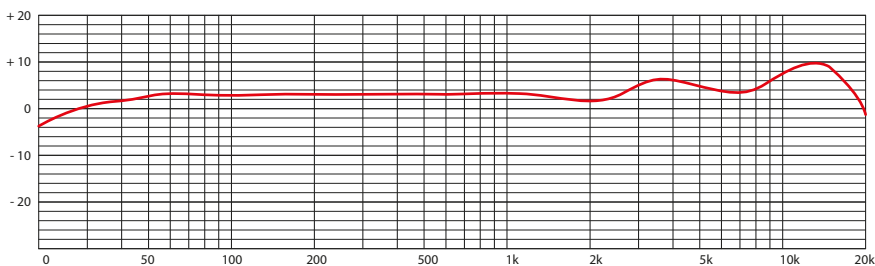
Equipped with both USB and an XLR outputs, this microphone is designed for analog or digital capturing from any acoustic audio source using your favorite recording software.

The CM14USB is the perfect choice for vocal, acoustic instruments, VoIP and webcasting applications. The extended frequency and fast transient response ensures an accurate linear reproduction. The microphone also features a built-in headphone jack with volume control that allows you to monitor the direct microphone signal and the sound from your audio recording software. The microphone's cardioid polar pattern delivers excellent off-axis rejection, and 24-bit, 96 kHz converters ensures clear sound reproduction.

It also features a blue LED indicating the microphone's power On.

The CM14USB is a "Plug & Play" USB device, compatible with both Microsoft and Apple OS' based computers, as well as Mobile Devices through standard USB camera connection kits.

Polar Pattern	Cardioid
Frequency Response	20 - 20000 Hz
Sensitivity	-36 dBv/Pa
Max Spl for 1% THD	138 dB
S/N Ratio	87dB dBA
Impedance	≤100 Ω
Recommended Load Impedance	≥1000 Ω
USB Support	2.0
AD Converters	24 Bit/96kHz
OS	Windows XP/Vista
	Win7/8/10/Apple IOS Systems



# RECORDING MICROPHONES

## EKUSBX1



EKUSBX1 is a simple USB to XLR Audio Interface.

- Simple USB plug-and-play connection
- AD Converters: 16Bit 48/44.1KHz
- Dynamic Range: 80dB
- Frequency Response at 48KHz: 20-19KHz
- Signal Boost Gain: +20dB
- Compatible with all Operating Systems without additional driver



## EKUSBDM1



Dynamic microphone with USB interface

- Dynamic microphone with cardioid polar response
- Audio Interface for direct connection to a computer's USB port
- High resolution A/D converter
- Driver installation not required
- 5mt. microphone cable and USB cable are included

Polar Pattern	Cardioid
Transducer Type	Moving coil Dynamic
Sensitivity	1kHz -53 dBv +/-3dB Analog output; -28 dBv +/-3dB Digital output
Frequency Response	60 - 14000 Hz
Max SPL for 1% THD	120 dB
Impedance	600 $\Omega$
A/D converter	16 bit at 48 KHz sampling rate
Connector	3 pin xlr + USB Type A
USB Support	USB 1.1 , USB 2.0
Weight	290 g
Dimensions	H 185 x $\varnothing$ 51 mm



EIKON

YOUR  
VOICE  
IS MY

FAVOURITE  
SOUND!



# AUDIO INTERFACES

SBi-PRO and SBi-POD are USB audio interfaces designed to offer studio quality for home or mobile recording, live stream or podcasting. Utilizing high-grade components, premium circuitry and a compact and rugged design, it provides a full set of features and top performances for musicians, songwriters content creators and podcasters.

## EKSBIPRO NEW

### 192KHZ USB AUDIO INTERFACE

- Two XLR/TRS inputs with HI-Z switch for recording vocals and instrument together or stereo sources
- High-definition MIC preamps with extended dynamic range and 48V phantom power
- 2-in + 2-out high-resolution 24-bit/192KHz USB2.0 interface for a flawless audio quality
- Zero-latency DIRECT MONITORING with STEREO/MONO selector and mixing control between input signals and DAW playback
- Analog outputs for connecting studio monitors
- Headphones output with separate level control
- Minijack AUX input/output for recording or podcasting applications directly on tablet or smartphone
- USB bus powered for easy mobile recording
- Rugged, road-proof aluminum chassis for maximum protection



## EKSBIPOD NEW

### 192KHZ USB PORTABLE AUDIO INTERFACE

- One XLR input and one TRS inputs with HI-Z switch for recording vocals and instrument together
- High-definition MIC preamp with extended dynamic range and 48V phantom power
- 2-in + 2-out high-resolution 24-bit/192KHz USB2.0 interface for a flawless audio quality
- Zero-latency DIRECT MONITORING with STEREO/MONO selector
- Analog outputs for connecting studio monitors
- Headphones output with separate level control
- Minijack AUX input/output for recording or podcasting applications directly on tablet or smartphone
- REC SOURCE selector
- USB bus powered for easy mobile recording (Type-B and Type-C connectors)
- Rugged, road-proof aluminum chassis for maximum protection





# NEARFIELD MONITORS

The new series of nearfield studio monitors designed by EIKON 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 LIMITER 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



# NEARFIELD MONITORS

## EK5NF



- Bi-amplified 2-way system
- 0.75 "soft-dome tweeter for detailed response and a high-resolution sound
- Proprietary integrated elliptical waveguide with accurate directivity control
- Long-excursion 5.25" woofer with lightweight fiber-glass composite cone
- Precisely calculated front tuning port for greater low-frequency extension
- Multiple audio input connectors for connecting any kind of source
- HF adjustment for a flexible control of high frequency
- Sophisticated, carefully designed crossover filters an improved resolution
- High-headroom Class AB 25+45W amplifiers with dual accurate CLIP LIMITER

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



## EIKONPAD5

Isolator for nearfield studio monitors especially designed for professional and home recording studios, useful to eliminate the resonances and to reduce the vibrations from the shelf or the stand. Made of high-density foam, they consist of two separate parts, in order to provide different options for the monitor's position (horizontal / angled).

Width	190 mm (7.48")
Height	40 mm (1.57")
Depth	250 mm (9.84")
Weight	0.205 kg (0.55 lbs)
Maximum load	16 kg (35.27 lbs)
Available colors	Black
Master Carton	1 pcs.





## EK6NF



- Bi-amplified 2-way system
- 1 "soft-dome tweeter for detailed response and a high-resolution sound
- Proprietary integrated elliptical waveguide with accurate directivity control
- Long-excursion 6.5" woofer with lightweight fiber-glass composite cone
- Precisely calculated front tuning port for greater low-frequency extension
- Multiple audio input connectors for connecting any kind of source
- HF adjustment for a flexible control of high frequency response
- Sophisticated, carefully designed crossover filters and an improved resolution
- High-headroom Class AB 35+60W amplifiers with dual accurate CLIP LIMITER

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



## EIKONPAD6

Isolator for nearfield studio monitors especially designed for professional and home recording studios, useful to eliminate the resonances and to reduce the vibrations from the shelf or the stand. Made of high-density foam, they consist of two separate parts, in order to provide different options for the monitor's position (horizontal / angled).

Width	230 mm (9.05")
Height	40 mm (1.57")
Depth	300 mm (11.81")
Weight	0.305 kg (0.77 lbs)
Maximum load	16 kg (35.27 lbs)
Available colors	Black
Master Carton	1 pcs.



# NEARFIELD MONITORS

## EK8NF



- Bi-amplified 2-way system
- 1 "soft-dome tweeter for detailed response and a high-resolution sound
- Proprietary integrated elliptical waveguide with accurate directivity control
- Long-excursion 8" woofer with lightweight fiber-glass composite cone
- Precisely calculated front tuning port for greater low-frequency extension
- Multiple audio input connectors for connecting any kind of source
- HF adjustment for a flexible control of high frequency response
- Sophisticated, carefully designed crossover filters for an improved resolution
- High-headroom Class AB 45+75W amplifiers with dual accurate CLIP LIMITER

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



## EIKONPAD8

Isolators for nearfield studio monitors especially designed for professional and home recording studios, useful to eliminate the resonances and to reduce the vibrations from the shelf or the stand. Made of high-density foam, they consist of two separate parts, in order to provide different options for the monitor's position (horizontal / angled).

Width	270 mm (10.63")
Height	40 mm (1.57")
Depth	330 mm (12.99")
Weight	0.395 kg (0.87 lbs)
Maximum load	18 kg (39.68 lbs)
Available colors	Black
Master Carton	1 pc.



## EK10SW



- Active vented sub-woofer
- Long-excursion 10" woofer with PP cone featuring very extended response
- Precisely calculated front tuning port for greater low-frequency extension
- Stereo balanced inputs, outputs and link connectors for MONO and STEREO operation
- Optimized crossover design with HI-CUT and LO-CUT frequency control
- High-headroom Class AB 150W amplifier with accurate CLIP LIMITER

System type	Vented sub-woofer
Low Frequency Device	10" woofer with PP cone
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





# 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.

## H1000



The Eikon H1000 headphones with its 50mm neodymium transducers offer you an unrivaled frequency response and total comfort that allows you to have an optimal listening experience.

- Professional Hi-End Closed-back Circumaural Headphones
- 50 mm Driver size
- Dynamic Neodymium magnet
- Single-side detached cable design
- Two 3 meters cable types included
- Comfortable fit due to rugged, adjustable, soft padded headband construction
- 3,5 + 6,3 mm stereo jack

Transducer principle	Closed
Ear coupling	supra-aural
Type	50 mm neodymium driver
Rated impedance	32 $\Omega$
Sensitivity	100 $\pm$ 3 dB
Audio frequency bandwidth	10 Hz-30 KHz
Max power	1800 mW
Cable length	300 cm
Plug	mini jack stereo 3,5 mm + adapter 6,3 mm
Net Weight	305 g with cable



# HEADPHONES

## 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 models

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 lenght	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 models

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 lenght	3 m
Weight w/o cable	235 g



## HFEAR1000

- Soft Earpad for EIKON Headphones



## HFEAR800

- Soft Earpad for EIKON Headphones



## HFEAR200

- Soft Earpad for EIKON Headphones



## HFJ700

- DJ Stereo Headphones
- Dynamic Neodymium magnet
- Soft and supple comfortable cushioned earpads
- Adjusting headset
- 3,5 + 6,3 mm stereo jack

Type	Dynamic Neodymium magnet
Driver Size	50 mm
Frequency Range	5 - 30000 Hz
Sound Pressure Level (Spl)	105 ±3 dB
Power Handling Capability	3000mw
Nominal Impedance	64 Ω
Jack Plug	3,5 + 6,3 mm stereo jack
Cable lenght	3,5 m
Weight w/o cable	260 g



## HFC30

- Multimedia Stereo Headphones
- Dynamic Neodymium magnet
- Soft and supple comfortable cushioned earpads
- Adjusting headset
- 3,5 + 6,3 mm stereo jack

Type	Dynamic Neodymium magnet
Driver Size	40 mm
Frequency Range	10 - 20000 Hz
Sound Pressure Level (Spl)	105 ±3 dB
Power Handling Capability	300mw
Nominal Impedance	32 Ω
Jack Plug	3,5 + 6,3 mm stereo jack
Cable lenght	3 m
Weight w/o cable	185 g



# EIKON



# HEADPHONES AMPLIFIERS

The new EIKON compact Headphones Amplifier include two models featuring dual format outputs with individual level controls. The HPAMP4 4-channel stereo headphone amplifier is designed for use with all types of headphones and therefore offers maximum flexibility. It is very useful in small studios or stages when up to four people want to listen together.

The MPAMP4 personal mix headphones amplifier features a pass-through MIC/LINE input and a STEREO/MONO monitor input with individual level controls. It is very useful in recording studios or on stages when you need to mix and listen to two sound sources together.



## HPAMP4 NEW

### 4-CHANNEL HEADPHONES AMPLIFIER

The compact HPAMP4 Headphones Amplifier features a stereo input and four headphone outputs with individual level controls. It is very useful in small studios or stages when up to four people want to listen together.

- 4 channel OUT
- Independent volume controls
- Dual format 3,5 mm + 6,3 mm outputs
- STEREO/MONO Inputs
- USB connector for Power



## MPAMP4 NEW

### PERSONAL MONITOR HEADPHONES AMPLIFIER

The MPAMP4 compact headphones amplifier features a pass-through MIC/LINE input and a STEREO/MONO monitor input with individual level controls. It is very useful in recording studios or on stages when you need to mix and listen to two sound sources together.

- 1 MIC/LINE input with Ground lifting
- THRU output
- Monitor Input with independent mix Volume control
- Dual format 3,5 mm + 6,3 mm output
- STEREO/MONO Output mode
- USB connector for Power





# STUDIO BOX

## EKS BONE

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### BASIC HOME RECORDING BUNDLE

This set  
the adv:

microphone is equipped with a high quality 48kHz converter and a dynamic cardioid capsule that guarantees great versatility at an unbeatable price. The kit includes the HFC30 stereo headphones, light, powerful and suitable for all multimedia uses. The combination of these two products is ideal for a wide range of applications such as singing, presentation and podcasting, always aiming for maximum ease of use. EKS BONE is equipped with all the necessary accessories: a USB cable, an XLR microphone cable, a desktop stand and a rubber microphone holder.

- **EKUSBDM1** - Dynamic microphone with USB interface
- **HFC30** - Multimedia stereo headphones
- **DST40TL** - Desktop microphone stand
- **APM20** - Special rubber microphone holder 50 mm Driver size



## EKSBTWO

### ADVANCED HOME RECORDING BUNDLE

This kit is a faithful carry-anywhere companion for all your professional quality home recording applications. Unleash your creativity and record in high definition with a single package! The heart of this kit is the CM14USB condenser microphone equipped with a 96 KHz 24 bit USB audio interface. Discover the fidelity of the H800 stereo headphones, which allow you to monitor your project thanks to the Direct Monitoring control with independent Volume available on the microphone. Finally, to make you think of nothing but your music, we have included all the necessary cables, a desktop microphone stand and a pop filter for the voice.

- **CM14USB** Condenser studio microphone with USB interface
- **H800** Professional monitoring stereo headphones
- **DST60TL** Desktop microphone stand
- **APOP40** Metal screen pop filter



## EKSBTHREE

### ADVANCED HOME RECORDING BUNDLE

Use this carry-anywhere kit for all your professional quality home recording applications. Unleash your creativity and record in high definition with a single package thanks to the CM14USB microphone with interface and the Hi-end H1000 headphones. Our condenser microphone equipped with a 96 KHz 24 bit USB audio interface allow you to monitor your project thanks to the Direct Monitoring control with independent Volume available on the microphone. Finally, to make you think of nothing but your music, we have included all the necessary cables, a desktop microphone stand and a pop filter for the voice.

- **CM14USB** Condenser studio microphone with USB interface
- **H1000** Professional Hi-End stereo headphones
- **DST60TL** Desktop microphone stand
- **APOP65** Nylon screen professional pop filter





# WIRED

## MICROPHONES





EIKON

# EKD PROFESSIONAL MICROPHONES

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

## EKD9

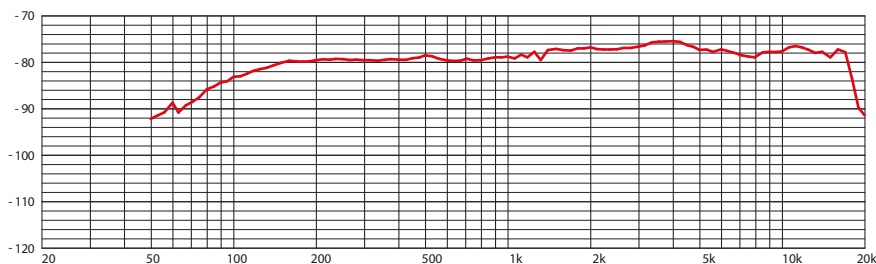


Dynamic Super-Cardioid professional Microphone.

The EKD9 offers an exclusive active handling-noise cancelling system through a build-in patented AHNC hum-bucking capsule to reduce handling noise. Elegant thin and curve design, it also features a special filter to reduce EMI/RFI noise for professional stage performance.

- Super-Cardioid polar pattern
- AHNC Capsule Technology
- Rugged construction
- Patented double shock-mount transducer assembling
- Frequency response tailored for vocals, with brightened midrange and bass roll-off to control proximity effect
- Padded bag and microphone holder included

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



## AHNC TECHNOLOGY

# EKD MICROPHONES

## EKD8

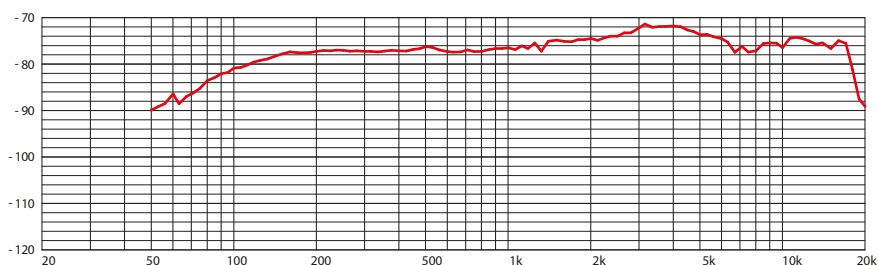


Dynamic Super-Cardioid professional Microphone.

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.

- 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
- Padded bag and microphone holder included

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





## EKD7

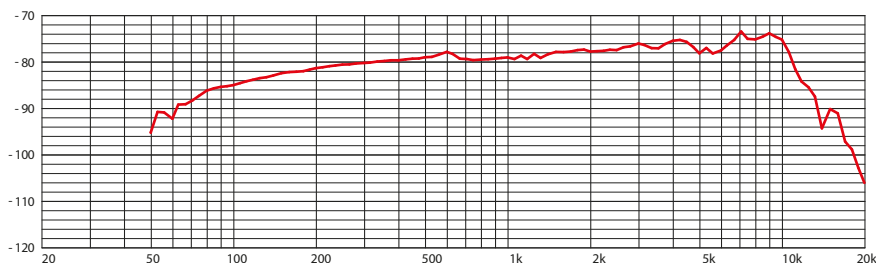


Dynamic Cardioid professional Microphone.

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.

- Cardioid polar pattern
- High gain before feedback
- Rugged construction
- Double shock-mount construction
- Concert level, professional vocal Mic for live sound
- Padded bag and microphone holder included

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





# CONDENSER MICROPHONES

EIKON condenser mics always ensures a wide frequency response for a variety of studio and live applications. Suited for acoustic instruments, pianos, and percussions these mics provide a fast transient response for accurately pick up every detail of your music.

## RTM01

- Professional Measurement Microphone
- Polar pattern: Omni-directional
- Frequency Response: 20Hz-20KHz
- Sensitivity: -32dB ±2dB (0dB=1V/Pa at 1 KHz)
- Phantom power supply
- Shock Mount Holder and Padded Bag included

Type	Back electret
Polar pattern	Omni-directional
Frequency Response	20 Hz-20 KHz
Sensitivity	-32 dB ± 2 dB (0dB=1V/Pa at 1 KHz)
Output Impedance	100 Ω ± 30%
Power Requirement	48 V Phantom Power

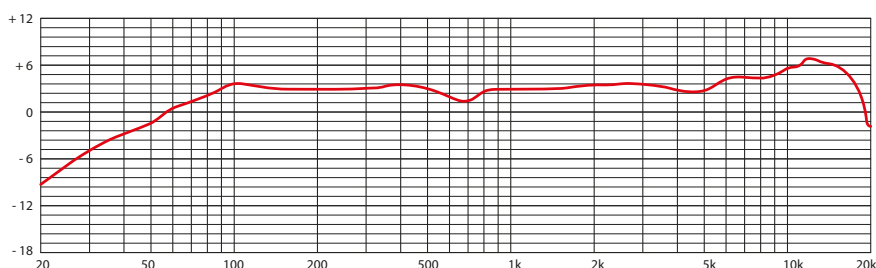


## MFC81

The MFC81 is a shotgun condenser microphone for use in video recordings, lecterns or theatre applications. This microphone is extremely light and rugged and therefore ideal for mounting on Video cameras or Camcorders. It can be used for outdoor or studios applications.

- Permanently polarized condenser capsule
- Switchable Cardioid / Uni-directional Polar Pattern
- Switchable sensitivity for shotgun or handheld applications
- Phantom / battery power supply
- Windscreen included

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 Ω
Recommended Load Impedance	2300 Ω
Power Requirement	48 V Phantom Power, 1,5V battery
Connector	3 Pin Male XLR
Weight	120 g
Dimensions	H 360 x Ø 21 mm



# CONDENSER MICROPHONES

## CM500

- Condenser Professional Instrument Microphone
- Cardioid Polar Pattern
- 25 mm Condenser Capsule
- -10 dB attenuator switch
- Hi-pass Filter switch
- Releceable Capsule
- Frequency Response: 20Hz-20KHz
- Ideal for any acoustic instrument Live or Studio application
- Shock Mount and Pop Filter holder included
- Padded bag Included



Type	Ø 25 mm condenser capsule
Polar Pattern	Cardioid
Frequency Response	20 Hz - 20 KHz
Sensitivity	-36 dB ± 3 dB (0 dB = 1V/Pa at 1 KHz)
Impedance	100 Ω ± 30% (at 1 KHz)
Max.Input SPL	132 dB (at 1 KHz≤1% T.H.D.)
S/N Ratio	78 dB
Power Requirement	48 V Phantom Power



## CM150V2 NEW

- Condenser Professional Instrument Microphone
- Very Compact Design
- Cardioid Polar Pattern
- 16 mm Condenser Capsule
- Frequency Response: 30Hz-18KHz
- Ideal for any acoustic instrument Live application
- Desktop stand and Pop filter included



Type	Ø 16mm Condenser Capsule
Polar Pattern	Uni-directional
Frequency Response	30 - 18000 Hz
Sensitivity	-38 dB ± 3 dB (0 dB=1V/Pa at 1 KHz)
Impedance	100 Ω ± 30% (at 1 KHz)
Max Spl for 1% THD	135 dB (at 1KHz≤1% T.H.D.)
S/N Ratio	79 dB
Power Requirement	48 V Phantom Power





# VOCAL LIVE MICROPHONES

With their reliability and affordable performance EIKON's Live Microphones provides the perfect choice for different kind of vocalists and different styles. The dynamic models offer a lower sensibility to the background noise and a better response to high pressure levels.

# VOCAL LIVE MICROPHONES

## DM580

- Professional vocal microphone with 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
- Microphone holder included

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



## DM585

- Professional vocal microphone with dynamic capsule
- High applicable SPL
- Cardioid Polar Pattern particularly resistant to feedback
- Particularly tailored for vocal applications
- Microphone holder included

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



## DM226

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

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



## DM580LC

- Vocal microphone with dynamic capsule
- 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 and microphone holder included

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



# VOCAL LIVE MICROPHONES

## 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
- Microphone holder included

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50 - 15000 Hz
Sensitivity	-53 dB
Max Spl for 1% THD	135 dB
Impedance	600 $\Omega$
Connector	3 pin XLR male
Weight	360 g
Dimensions	H 180 x $\varnothing$ 45 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
- EIKON custom design

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





## DM55V2BK

### ALL BLACK EDITION

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



## DM55V2RDBK

### RED & BLACK EDITION

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



# VOCAL LIVE MICROPHONES

## DM800

- Vocal microphone with 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 $\Omega$
Connector	3 pin XLR male
Weight	360 g
Dimensions	H 180 x $\varnothing$ 45 mm



## DM800WH

### WHITE edition

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



## DM800RD

### REdition

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



## DM800BL

### BLUEdition

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



# VOCAL LIVE MICROPHONES

## DM800KIT

- Kit made of three DM800 dynamic microphones
- Includes three microphone holders
- 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



## DM800COLORKIT

### COLOR edition

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





# INSTRUMENT MICROPHONES

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

# INSTRUMENT MICROPHONES

## DM1

- Professional dynamic instrument microphone
- Cardioid Polar Pattern for an accurate sound reproduction without unnecessary back ground noise
- Frequency Response tailored for percussions, snare drums, toms and other instruments
- High gain before feedback
- Internal shock mount for reduced 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 $\Omega$
Connector	XLR
Weight	145 g
Dimensions	L 85 x $\varnothing$ 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 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)
Impedance	400 $\Omega$
Connector	3 pin XLR male
Weight	320 g
Dimensions	L 105 x $\varnothing$ 65 mm



## CM602

- Permanently polarized condenser capsule
- Uni-directional 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 V Phantom Power
Connector	3 pin Male XLR
Weight	240 g
Dimensions	H 135 x Ø 23 mm



## DMH8XL

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



## DMH5XL

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



# INSTRUMENT MICROPHONES

## HCS20

- Miniature condenser microphone
- 8 mm permanently polarized condenser capsule
- Cardioid Polar Pattern
- Phantom adapter included
- 3 pole mini XLR plug
- Belt-pack transmitter compatible
- 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 V Phantom Power
Cable	L 1000 x $\varnothing$ 2 mm
Connector Type	3 pin mini xlr
Colour	Black
Accessories	Windscreen



## HCS30

- Miniature condenser clip microphone
- Cardioid Polar Pattern
- High gain before feedback
- Phantom adapter included
- 3 pole mini XLR plug
- Belt-pack transmitter compatible
- Designed to be used with most of acoustic instruments
- Available clip mounts for different acoustic instruments:  
HCSB: violin - HCSC: sax (included)  
HCSA: cello - HCSD: guitar (optional)

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 V Phantom Power
Cable	L 1000 x $\varnothing$ 2 mm
Connector Type	3 pin mini xlr
Colour	Black
Accessories	Windscreen



### HCSC

Clip mount for sax



### HCSB

Clip mount for violin







# 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.

# HEADSET MICROPHONES

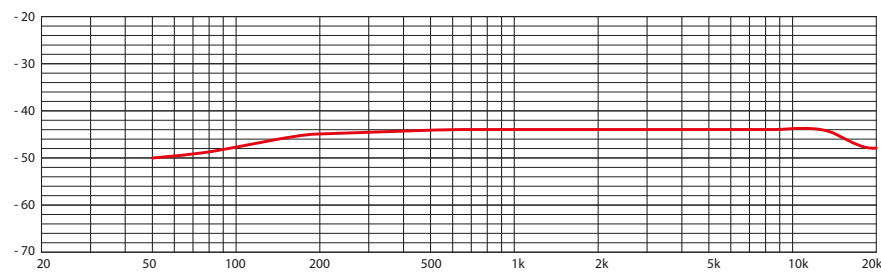
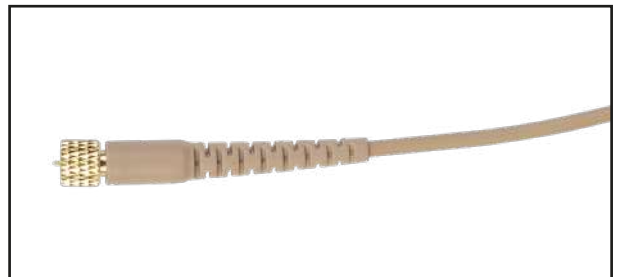
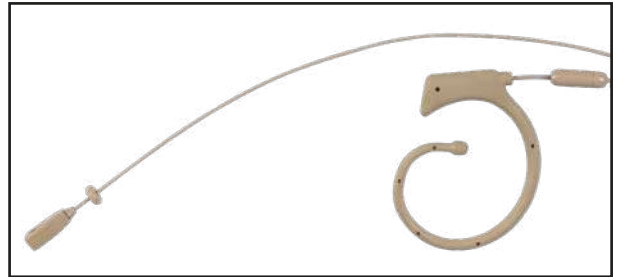
## HCM14EK



HCM14EK professional condenser headset microphone is ideally suited for vocal sound and speech applications requiring the maximum freedom in movement. The unique tiny size and super light weight provides a comfortable fit for any user. Ergonomically designed to fit comfortably and easily. Great for video recording use, the headset microphone is almost invisible. The microphone provides excellent off-axis rejection in high-SPL situations. It comes with 3 different replaceable connectors making it ideal for use with belt-pack transmitters from various manufacturers.

- Pristine audio quality
- Lightweight and flexible
- Easy mounting to both the left and right
- Minimal visual impact
- 3 different adapters for use with most popular wireless systems

Type	Back electred condenser
Polar Pattern	Uni-Directional
Frequency Response	50Hz-18Hz
Sensitivity	- 42 dB $\pm$ 3 db ( 0 dB = 1Vpa @ 1 KHz )
Max SPL for 1% THD	135dB
Equivalent Noise Level	26 dB-A
Impedance	1500 $\Omega$
Recommended Load Impedance	> 2000 $\Omega$
Power Requirement	1,5 - 10 Vdc
Connector ( Changeable)	3,5 mm. plug ; 3 pin mini xlr ; 4 pin mini xlr
Weight	18 gr
Dimension capsule	$\varnothing$ 3 mm
Colour	beige



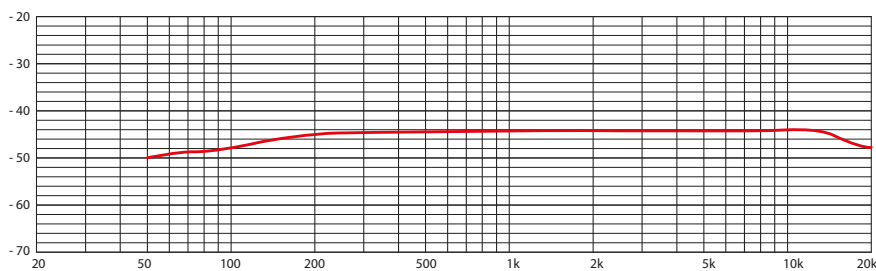
## HCM12EK



HCM12EK professional condenser headset microphone is ideally suited for vocal sound and speech applications requiring the maximum freedom in movement. The unique tiny size and super light weight provides a comfortable fit for any user. Ergonomically designed to fit comfortably and easily. Great for video recording use, the headset microphone is almost invisible. The microphone provides a natural blend of human voice. It comes with 3 different replaceable connectors making it ideal for use with belt-pack transmitters from various manufacturers.

- Pristine audio quality
- Lightweight and flexible
- Easy mounting to both the left and right
- Minimal visual impact
- 3 different adapters for use with most popular wireless systems

type	Back electred condenser
Polar Pattern	Omni-Directional
Frequency Response	20Hz-20kHz
Sensitivity	- 44 dB ± 3 db ( 0 dB = 1VPa @ 1 KHz )
Max SPL for 1% THD	135dB
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 gr
Dimension capsule	Ø 3 mm
Colour	beige



# HEADSET MICROPHONES

## HCM10V2

HCM10V2 mini headset microphone is ideally suited for vocal sound and speech applications requiring freedom of movement.

The unique tiny size and very light weight provides a comfortable and optimum fit for any use.

Such as dance and sports instructors, Great for video use, this mini micro-phone is practically invisible.

It comes with 3 different replaceable connectors making it suitable for use with belt packs from different manufacturers.

- 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 $\Omega$
Recommended load impedance	2000 $\Omega$
Power Requirement	1,5 -10 vdc
Connectors	3,5 mm plug; 3 pin mini XLR; 4 pin mini XLR
Weight	25 g



3 adaptors included

## HCM08PRO

HCM08PRO mini headset microphone is ideally suited for vocal sound and speech applications requiring freedom of movement.

The unique tiny size and very light weight provides a comfortable and optimum fit for any use.

Such as dance and sports instructors, Great for video use, this mini micro-phone is practically invisible.

It comes with 3 different replaceable connectors making it suitable for use with belt packs from different manufacturers.

- 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	Omni-Directional
Frequency Response	20 - 20000 Hz
Sensitivity	-45 dB
Max Spl for 1% THD	130 dB
S/N Ratio	> 70 dB
Impedance	1500 $\Omega$ $\pm$ 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	$\varnothing$ 3 mm
Cable	$\varnothing$ 1,5 x 1200 mm
Accessories	Metal Windscreen



3 adaptors included

## HCM25AK - HCM25SE

- Light weight high-quality condenser headset microphone
- Permanently polarized condenser capsule
- Cardioid Polar Pattern
- Ideal for singers, Gyms and educations

Type	Back Electret Condenser
Polar Pattern	Cardioid
Frequency Response	20Hz- 20KHz
Sensitivity	-45dB± 3dB
Output Impedance	1500Ω± 30%
Max.Input SPL	130dB
Power Supply	1.5V-10V
Cable	0 1.5*1.2M
Dimension	0 5mm
Color	Black
Accessories	Windscreen
Available Connectors	3.5mm plug
	3-pin mini XLR



## HCM23 - HCM23AK - HCM23SE

- Flexible miniature microphone with a simple, fast and comfortable headset system
- Ideal for use in theatre and speech applications
- Small size and the light weight provides a comfortable and secure fit when a minimum visibility microphone is required
- 3 different adapters for use with most popular wireless systems

Type	Back Electret Condenser
Polar Pattern	Omni-Directional
Frequency Response	20Hz- 20KHz
Sensitivity	-45dB± 3dB
Output Impedance	1500Ω± 30%
Power Supply	1.5V-10V
Cable	0 1.5*1.2M
Dimension	0 5mm
Color	Skin
Accessories	Windscreen
Available Connectors	3.5mm plug
	3-pin mini XLR
	4-pin mini XLR



## WS3BE

- 5 mm Ø foam windscreen
- Skin Colour
- Suitable for HCM series





# LAVALIER MICROPHONES

EIKON'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.

## 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-AD3SE-AD3AK) 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



3 adaptors included

## LCH100AK - LCH100SE

Type	Back Electret Condenser
Polar Pattern	Omni-Directional
Frequency Response	80Hz - 16KHz
Sensitivity	-52 + 3db
Impedance	680 Ω
Max.Input SPL	128db
Power Requirement	1,5 - 10 vdc
Cable Length	1 m
Weight	5 g
Capsule Diameter	Ø 25
Accessories	Windscreen
Available Connectors	3.5 mm plug
	3-pin mini XLR



## PHW100

- High quality in line preamplifier microphone for following HCM models:  
HCM14EK - HCM12EK - HCM10V2 - HCM08PRO - HCM25AK - HCM23AK - LCH370 - LCH100AK

Input	3 pin Mini XLR
Power Requirement	48 V Phantom Power
Pad	- 10 dB
Weight	105 g
Dimensions	H 95 x Ø 20 mm
Colour	black





# WIRELESS MICROPHONES

EIKON offers a wide range of wireless microphone, from single-channel VHF models to multiple-channel PLL UHF, all of them available with handheld and Belt-pack 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 any kind of application, ranging for single-source simple speech setup to large on-stage multi-channel systems.



**EIKON**  
**ÆTHER**  
RM1HT

657.075 MHz

GAIN

**EIKON**  
**ÆTHER** RM1

IR DATA SYNC

  
POWER

  
ASC

RF [ ]  
AP [ ]  
65

# WIRELESS MICROPHONES

## AETHER

NEW



EIKON introduces the new AETHER wireless Series, dedicated to all professional users with its crystal-clear sound quality and powerful user-friendly control. Thanks to the possibility of completing the system with a series of accessories, AETHER represent an ideal choice for professional vocal applications, theaters, clubs, rental companies, system integrators and all professional demanding venues.

The AETHER RM1 Wireless Microphone is a Professional **UHF PLL** controlled, **true diversity** system providing a reliable and high-quality signal transmission and equipped with **automatic channel scan** and **IR sync**. RM1 Wireless Microphone system features 3 units: RM1 receiver, RM1HT handheld transmitter and RM1BT body pack transmitter.

The system is available in **two different configurations**:

**AETHER RM1M:** RM1 + RM1HT

**AETHER RM1H:** RM1 + RM1BT

**388 total channel** frequencies are available allowing the simultaneous use of **12 to 24 devices without interference** (depending on location conditions).

- True Diversity Receiver
- PLL Tuning
- Digital Tone Pilot 32 Khz
- 4 UHF bands available up to 25 MHz width each one
- Up to 24 systems usable in the same location
- 100 meters range in open space
- BNC antenna OUTPUTS
- Bodypack transmitter with 3 pole mini-XLR plug
- Sync IR Function
- Auto Scan Function
- Balanced and unbalanced OUTPUTS
- ABS carrying case
- Splitter, Antenna Booster and directional antennas available as optionals



*Dynamic hypercardioid capsule*



*Slim design with 3 pole mini XLR plug*



*Balanced, unbalanced and BNC connections*



*ABS carrying case included*

## AETHER RM 1 SYSTEMS



### AETHER RM1M

- Receiver RM1
- 1x Handheld Transmitter RM1HT



### AETHER RM1H

- Receiver RM1
- 1x Body-pack Transmitter RM1BT
- 1x Guitar cable

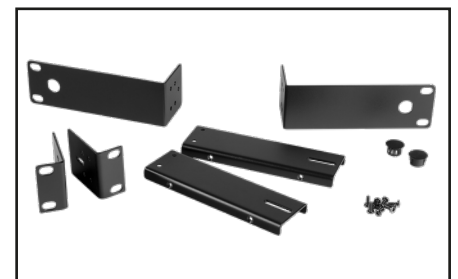
## AETHER RM 1 FREQUENCY BANDS

AETHERRM1MA	514 - 542 MHz
AETHERRM1MB	606 - 614 MHz
AETHERRM1MC	655 - 679 MHz
AETHERRM1MD	823 - 865 MHz

AETHERRM1HA	514 - 542 MHz
AETHERRM1HB	606 - 614 MHz
AETHERRM1HC	655 - 679 MHz
AETHERRM1HD	823 - 865 MHz



19" Rack mount adapters included



# WIRELESS MICROPHONES

## RM1 UHF PLL Receiver



RF Channels	388 total preset frequencies
RF Frequency Band	UHF A: 514 - 542 MHz (144 Ch) UHF B: 606 - 614 MHz (40 Ch) UHF C: 655 - 679 MHz (120 Ch) UHF D: 823 - 832; 863 - 865 MHz (84 Ch)
RF Receiver Type	PLL UHF Synthesized
RF Modulation type	FM (F3E)
RF Sensitivity	-105 dBm / 12 dB SINAD
RF Image/Spurious Rejection	> 70 dB
RF Interference Rejection	> 70 dB
RF Frequency Stability	± 0.005% (-10 ÷ +50 °C)
THD Distortion	< 1 %
S/N Ratio	> 90 dB
Dynamic Ratio	> 100 dB
Frequency Response	60 Hz - 18000 Hz (±3 dB)
XLR balanced nominal audio output	-10 dBu (245 mVrms)
JACK unbalanced nominal audio output	0 dBu (775 mVrms)
Power Supply	12 V DC 500 mA
Dimensions	H 43 x L 213 x W 173 mm
Weight	880 g

## RM1HT Handheld Microphone UHF PLL Transmitter



RF Channels	388 total preset frequencies
RF Frequency Band	UHF A: 514 - 542 MHz (144 Ch) UHF B: 606 - 614 MHz (40 Ch) UHF C: 655 - 679 MHz (120 Ch) UHF D: 823 - 832; 863 - 865 MHz (84 Ch)
RF Power	max 10 mW
Modulation method	FM (F3E)
RF Max deviation	± 50 KHz compressor-expander system
RF Frequency Stability	± 0.005% (-10 ÷ +50 °C)
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15000 Hz (±3 dB)
Microphone type	Dynamic lper-Cardioid
Power Supply	2x1.5V AA alkaline battery
Dimensions	D 51 x H 257 mm
Weight	360 g

## RM1BT Bodypack UHF PLL Transmitter



RF Channels	388 total preset frequencies
RF Frequency Band	UHF A: 514 - 542 MHz (144 Ch) UHF B: 606 - 614 MHz (40 Ch) UHF C: 655 - 679 MHz (120 Ch) UHF D: 823 - 832; 863 - 865 MHz (84 Ch)
RF Power	max 10 mW
Modulation method	FM (F3E)
RF Max deviation	± 50 KHz compressor-expander system
RF Frequency Stability	± 0.005% (-10 ÷ +50 °C)
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15000 Hz (±3 dB)
Microphone included	Headset condenser
Input connector	Mini Xlr 3P
Power Supply	2x1.5V AA alkaline battery
Dimensions	H 98 x W 63 x D 24 mm
Weight	130 g



## AETHER SPLIT NEW

Antenna distributor

Input Impedance	50 Ω
Output Impedance	50 Ω
Antenna Input Socket	BNC
Antenna Output Socket	BNC
Gain	0 ~ 3 dB
Frequency Bandwidth	400 MHz
Power Supply	BNC 9 V
Dimension	45 x 410 x 160 mm
Weight	2000 g
Cables Included	10 coaxial cables with BNC plug and 4 DC cables are included



## AETHER BOOST NEW

Antenna booster

Input Impedance	50 Ω
Output Impedance	50 Ω
Antenna Input Socket	BNC
Antenna Output Socket	BNC
Gain	10 dB
Frequency Bandwidth	400 MHz
Power Supply	BNC 9 V
Dimension	35 x 65 x 75 mm
Weight	150 g
Cables Included	2 cables with BNC plug are included



## AETHER ANT NEW

Wide band directional antenna

Standing - Wave Ratio	< 1.3
Output Socket	BNC
Gain	3 ~ 6 dB
Frequency Range	500 ~ 900 MHz
Power Supply	Passive
Dimension	290 x 260 mm
Weight	180 g
Cables Included	1 cable with BNC plug is included



# WIRELESS MICROPHONES

## WM700

- PLL -16 CH Selectable frequency wireless microphone system
- 32 KHz Digital Tone Pilot
- New durable Painting Finishing
- Universal USB Power Adapter
- 823 - 832 MHz or 512 - 562 MHz (A Version) frequency range
- 30 meter / 100 feet range
- 50 Hz -15 KHz frequency response
- -105 dB signal/ noise ratio
- Cardioid dynamic capsule
- Condenser headset with cardioid capsule
- Up to 4 frequency usable in the same location
- ABS carrying and storage case



## WM7M

RF Frequency Band	UHF: 823-832 MHz or 512-562 MHz (A Version)
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	235 x 50 x 50

## WM700



RF Frequency Band	UHF: 823-832 MHz or 512-562 MHz (A Version)
RF Sensibility	-105 dBm
RF Image/Spurious Rej.	>70 dB
RF Interference Reject.	>70 dB
RF Frequency Stability	±0.002%
THD Distortion	<1%
S/N Ratio	>105 dB
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	5 V DC 500 mA
Dimensions (mm)	175 x 135 x 45

## WM7H



RF Frequency Band	UHF: 823-832 MHz or 512-562 MHz (A Version)
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Included Microphones	2
HCM25 Headset Mic.	Cond. Cardioid
LCH100 Lavalier Mic.	Cond. Cardioid
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	100 x 65 x 30

## WM700 SYSTEMS



### WM700M

- Receiver WM700
- 1x Transmitter WM7M



### WM700H

- Receiver WM700
- 1x Belt-pack WM7H
- 1x Headset HCM25SE
- 1x Lavalier LCH100SE

## WM700D

- PLL -16 CH Selectable frequency wireless microphone system
- 32 KHz Digital Tone Pilot
- New durable Painting Finishing
- Universal USB Power Adapter
- 823 - 832 MHz or 512 - 562 MHz (A Version) frequency range
- 30 meter / 100 feet range
- 50 Hz -15 KHz frequency response
- -105 dB signal/ noise ratio
- Cardioid dynamic capsule
- Condenser headset with cardioid capsule
- Up to 4 frequency usable in the same location
- ABS carrying and storage case



## WM7M



## WM700D



## WM7H



RF Frequency Band	UHF: 823-832 MHz or 512-562 MHz (A Version)
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	235 x 50 x 50

RF Frequency Band	UHF: 823-832 MHz or 512-562 MHz (A Version)
RF Sensibility	-105 dBm
RF Image/Spurious Rej.	>70 dB
RF Interference Rej.	>70 dB
RF Frequency Stability	±0.002%
THD Distortion	<1%
S/N Ratio	>105 dB
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	5 V DC 500 mA
Dimensions (mm)	175 x 135 x 45

RF Frequency Band	UHF: 823-832 MHz or 512-562 MHz (A Version)
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Included Microphones	2
HCM25 Headset Mic.	Cond. Cardioid
LCH100 Lavalier Mic.	Cond. Cardioid
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	100 x 65 x 30

## WM700D SYSTEMS



### WM700DM

- Receiver WM700D
- 2x Transmitter WM7M



### WM700DH

- Receiver WM700D
- 2x Belt-pack WM7H
- 2x Headset HCM25SE
- 2x Lavalier LCH100SE



### WM700DKIT

- Receiver WM700D
- 1x Transmitter WM7M
- 1x Belt-pack WM7H
- 1x Headset HCM25SE
- 1x Lavalier LCH100SE

# WIRELESS MICROPHONES

## WM300

- Fixed frequency wireless microphone system
- 32 KHz Digital Tone Pilot
- New durable Painting Finishing
- Universal USB Power Adapter
- 823 - 832 MHz frequency range
- 30 meter/ 100 feet range
- 50 Hz -15 KHz frequency response
- -105 dB signal/ noise ratio
- Cardioid dynamic capsule
- Condenser headset with cardioid capsule
- Up to 3 frequency usable in the same location
- ABS carrying and storage case



## WM3M



RF Frequency Band	UHF: 823-832 MHz
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	235 x 50 x 50

## WM300



RF Frequency Band	UHF: 823-832 MHz
RF Sensibility	-105 dBm
RF Image/Spurious Rej.	>70 dB
RF Interference Reject.	>70 dB
RF Frequency Stability	±0.002%
THD Distortion	<1%
S/N Ratio	>105 dB
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	5V DC 300 mA
Dimensions (mm)	175 x 135 x 45

## WM3H



RF Frequency Band	UHF: 823-832 MHz
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Included Microphones	2
HCM25 Headset Mic.	Cond. Hypercardioid
LCH100 Lavalier Mic.	Cond. Hypercardioid
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	100 x 65 x 30

## WM300 SYSTEMS



### WM300M

- Receiver WM300
- 1x Transmitter WM3M



### WM300H

- Receiver WM300
- 1x Belt-pack WM3H
- 1x Headset HCM25SE
- 1x Lavalier LCH100SE



### WM300KIT

- Receiver WM300
- 1x Transmitter WM3M
- 1x Belt-pack WM3H
- 1x Headset HCM25SE
- 1x Lavalier LCH100SE



## WM300D

- Fixed frequency wireless microphone system
- 32 KHz Digital Tone Pilot
- New durable Painting Finishing
- Universal USB Power Adapter
- 823 - 832 MHz frequency range
- 30 meter/ 100 feet range
- 50 Hz -15 KHz frequency response
- -105 dB signal/ noise ratio
- Cardioid dynamic capsule
- Condenser headset with cardioid capsule
- Up to 3 frequency usable in the same location
- ABS carrying and storage case



### WM3M

RF Frequency Band	UHF: 823-832 MHz
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	235 x 50 x 50

### WM300D



RF Frequency Band	UHF: 823-832 MHz
RF Sensibility	-105 dBm
RF Image/Spurious Rej.	>70 dB
RF Interference Reject.	>70 dB
RF Frequency Stability	±0.002%
THD Distortion	<1%
S/N Ratio	>105 dB
Frequency Response	50 Hz - 15 KHz (±3 dB)
Power Supply	5V DC 300 mA
Dimensions (mm)	H 175 x L 135 x W 45

### WM3H



RF Frequency Band	UHF: 823-832 MHz
RF Power	<10 dBm
Modulation method	FM (F3E)
RF Max deviation	±40 KHz
RF Frequency Stability	±0.002%
Spurious Emission	under limits EN 300422
Frequency Response	50 Hz - 15 KHz (±3 dB)
Included Microphones	2
HCM25 Headset Mic.	Cond. Hypercardioid
LCH100 Lavalier Mic.	Cond. Hypercardioid
Power Supply	2x1.5V AA alkaline bat
Dimensions (mm)	H 100 x L 65 x W 30

## WM300D SYSTEMS



### WM300DM

- Receiver WM300
- 2x Transmitter WM3M



### WM300DH

- Receiver WM300
- 2x Belt-pack WM3H
- 2x Headset HCM25SE
- 2x Lavalier LCH100SE

# WIRELESS MICROPHONES

## WM101V2

- Fixed frequency wireless microphone system
- Encrypted Digital Audio
- 863 - 865 MHz frequency range
- 30 meter/ 100 feet range
- 50 Hz - 15 KHz frequency response
- Cardioid dynamic capsule
- Condenser headset with cardioid capsule
- Up to 3 frequency usable in the same location
- ABS carrying and storage case



### WM11M

Carrier Frequency Range	UHF: 863-865 MHz
Modulation method	FM (F3E)
Transmitting Power	< 10 dBm Max ERP
Transmission Distance	Up to 25 m (Open Space)
RF Frequency Stability	±0.002 %
RF Max deviation	±50 KHz
Audio Modulation	PCM Digital 24 bit
Spurious Emission	under limits EN 300422
Frequency Response	50 - 15000 Hz
Mic Capsule	Dynamic
Mic Polar Pattern	Cardioid
Power Requirement	2x1.5V AA type
Battery Life	Up to 8 hours
Dimensions (mm)	260 x Ø 45

### WM101V2



Receiver Type	UHF Band
Frequency Range	863-865 MHz
RF Frequency Stability	±0.002 %
RF Image/Spurious Rej.	> 70 dB
RF Interference Reject.	> 70 dB
RF Sensibility	-105 dBm
Frequency Response	50 - 15000 Hz
Modulation Method	PCM Digital 24 bit
THD Distortion	< 1%
Dynamic Range	> 90 dB
S/N Ratio	> 100 dB
Power Requirement	12 V DC / 500 mA
Output Connector	Unbalanced ¼" jack
Dimensions (mm)	H 45 x L 150 x W 118

### WM11B



Carrier Frequency Range	UHF: 863-865 MHz
Modulation method	FM (F3E)
Transmitting Power	< 10 dBm Max ERP
Transmission Distance	Up to 25 m (Open Space)
RF Frequency Stability	±0.002 %
RF Max deviation	±50 KHz
Audio Modulation	PCM Digital 24 bit
Spurious Emission	under limits EN 300422
Frequency Response	50 - 15000 Hz
HCM25 Mic Capsule Headset	Back electret condenser
Polar Pattern	Cardioid
Power Requirement	2x1.5V AA type
Battery Life	Up to 8 hours
Dimensions (mm)	H 95 x L 65 x W 23

## WM101V2 SYSTEMS



### WM101MV2

- Receiver WM101V2
- 1x Transmitter WM11M



### WM101HV2

- Receiver WM101V2
- 1x Belt-pack WM11B
- 1x Headset HCM25AK



### WM101KITV2

- Receiver WM101V2
- 1x Transmitter WM11M
- 1x Belt-pack WM11B
- 1x Headset HCM25AK

## WM101DV2

- Fixed dual frequency wireless microphone system
- Encrypted Digital Audio
- 863 - 865 MHz frequency range
- 30 meter/ 100 feet range
- 50 Hz -15 KHz frequency response
- Condenser headset with cardioid capsule
- Low-profile metal desktop receiver with two foldable antennas



### WM11M

Carrier Frequency Range	UHF: 863-865 MHz
Modulation method	FM (F3E)
Transmitting Power	< 10 dBm Max ERP
Transmission Distance	Up to 25 m (Open Space)
RF Frequency Stability	±0.002 %
RF Max deviation	±50 KHz
Audio Modulation	PCM Digital 24 bit
Spurious Emission	under limits EN 300422
Frequency Response	50 - 15000 Hz
Mic Capsule	Dynamic
Mic Polar Pattern	Cardioid
Power Requirement	2x1.5V AA type
Battery Life	Up to 8 hours
Dimensions (mm)	260 x Ø 45

### WM101DV2

Receiver Type	UHF Band
Frequency Range	863-865 MHz
RF Frequency Stability	±0.002 %
RF Image/Spurious Rej.	> 70 dB
RF Interference Rej.	> 70 dB
RF Sensibility	-105 dBm
Frequency Response	50 - 15000 Hz
Modulation Method	PCM Digital 24 bit
THD Distortion	< 1%
Dynamic Range	> 90 dB
S/N Ratio	> 100 dB
Power Requirement	12 V DC / 500 mA
Output Connector	Unbalanced ¼" jack
Dimensions (mm)	H 45 x L 150 x W 118

### WM11B

Carrier Frequency Range	UHF: 863-865 MHz
Modulation method	FM (F3E)
Transmitting Power	< 10 dBm Max ERP
Transmission Distance	Up to 25 m (Open Space)
RF Frequency Stability	±0.002 %
RF Max deviation	±50 KHz
Audio Modulation	PCM Digital 24 bit
Spurious Emission	under limits EN 300422
Frequency Response	50 - 15000 Hz
HCM25 Mic Capsule Headset	Back electret condenser
Polar Pattern	Cardioid
Power Requirement	2x1.5V AA type
Battery Life	Up to 8 hours
Dimensions (mm)	H 95 x L 65 x W 23

## WM101DV2 SYSTEMS



### WM101DMV2

- Receiver WM101DV2
- 2x Transmitter WM11M



### WM101DHV2

- Receiver WM101DV2
- 2x Belt-pack WM11B
- 2x Headset HCM25AK

# WIRELESS MICROPHONES

# J&J



The EKJ&J is a UHF quartz locked controlled Wireless Guitar System providing a reliable and high quality signal transmission. EKJ&J features 3 units: EKJ&J compact "connector sized" transmitter, EKJ&J compact "connector sized" receiver and USB to USB-Charging cable. 16 channel srequencies (50 channels EKJ&JA model) are available, allowing the possibility to use the device with other wireless equipment.

- UHF 863- 865 MHz frequency band
- Quartz locked modulation mode
- Up to 30 meters range
- Built in 3.7V/500mA lithiumbattery
- 5V USB charging cable included
- Up to 4 hours autonomy
- Up to 6 systems usable in the same location



## EKJ&J - Receiver

	UHF 16 Channel	UHF 50 Channel
RF RF Channels	16 frequency presets	50 frequency presets
RF Frequency Band	UHF: 863 - 865 MHz	UHF: 512 - 541,7 MHz
RF Frequency Stability	±0,005%	
RF Oscillation Mode	Quartz locked	
RF Modulation Type	Wideband FM Stereo	
RF Receiving Sensitivity	< -98 dBm	
RF Receiving range	15 to 30 meters depending on used band conditions	
Audio dynamic range	106 dBm	
THD Distortion	< 0.5%	
S/N Ratio	> 102 dBA	
Audio output connector	6.3 mm Mono Jack	
Output Power Max (continuous)	400 mW	
Operating current	80 mA	
Operating Time	5 hours	
Operating Power Supply	3.7 V / 500 mA - built-in Lithium battery	
Charging mode	USB charging 5V - type C connector	
Charging time	3 hours	
Weight	0.05 Kg	

## EKJ&J - Transmitter

	UHF 16 Channel	UHF 50 Channel
RF RF Channels	16 frequency presets	50 frequency presets
RF Frequency Band	UHF: 863 - 865 MHz	UHF: 512 - 541,7 MHz
RF Frequency Stability	±0,002%	
RF Oscillation Mode	Quartz locked	
RF Modulation Type	Wideband FM Stereo	
RF Output Power	10mW	
Sub-harmonic	< 40 dB	
Operating current	120 mA	
Operating Time	3 to 5 hrs	
Operating Power Supply	3.7 V / 500 mA - built-in Lithium battery	
Charging mode	USB charging 5V - type C connector	
Charging time	3 hours	
Weight	0.05 Kg	



## J&m



The EKJ&M is a UHF quartz locked controlled Wireless Microphone System providing a reliable and high quality signal transmission. EKJ&M features 3 units: EKJ&M Handheld transmitter, EKJ&M compact "connectorsized" receiver and USB to USB-C charging cable. 16 channels frequencies (50 channels EKJ&MA model) are available, allowing the possibility to use the device with other wireless equipment.

- UHF 863 - 865 MHz frequency band
- Quartz locked modulation mode
- Up to 30 meters range
- Built in 3.7V/500mA lithium battery
- 5V USB charging cable included
- Up to 5 hours autonomy
- Up to 6 systems usable in the same location



### EKJ&M - Receiver



	UHF 16 Channel	UHF 50 Channel
RF Channels	16 frequency presets	50 frequency presets
RF Frequency Band	UHF: 863 - 865 MHz	UHF: 512 - 541,7 MHz
RF Frequency Stability	±0,005%	
RF Oscillation Mode	Quartz locked	
RF Modulation Type	Wideband FM Stereo	
RF Receiving Sensitivity	< -98 dBm	
RF Receiving range	15 to 30 meters depending on used band conditions	
Audio dynamic range	106 dBm	
THD Distortion	< 0.5%	
S/N Ratio	> 102 dBA	
Audio output connector	6.3 mm Mono Jack	
Output Power Max (continuous)	400 mW	
Operating current	80 mA	
Operating Time	5 hours	
Operating Power Supply	3.7 V / 500 mA - built-in Lithium battery	
Charging mode	USB charging 5V - type C connector	
Charging time	3 hours	
Weight	0.05 Kg	

### EKJ&M - Transmitter



	UHF 16 Channel	UHF 50 Channel
RF Channels	16 frequency presets	50 frequency presets
RF Frequency Band	UHF: 863 - 865 MHz	UHF: 512 - 541,7 MHz
RF Frequency Stability	±0,002%	
RF Oscillation Mode	Quartz locked	
RF Modulation Type	Wideband FM Stereo	
RF Output Power	10mW	
Sub-harmonic	< 40 dB	
Operating current	130 mA	
Operating Time	5 to 8 hrs (depending on volume level)	
Operating Power Supply	3.7 V / 500 mA - built-in Lithium battery	
Charging mode	USB charging 5V - type C connector	
Charging time	5 hours	
Weight	0.30 Kg	

# WIRELESS MICROPHONES

## WM100M

- 175 - 216 Mhz frequency range
- 30 meter / 100 feet range
- 50 Hz - 15 KHz frequency response
- 95 dB audio dynamic range
- Two foldable antennas
- Up to 5 systems usable in the same location



## 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 (mm)	H 283 x Ø 50

## 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 ¼" jack
Power Requirement	DC 13-15V DC / 200mA
Dimensions (mm)	H 45 x L175 x W 135



## RM3000EK

- ½ rack unit with metal chassis
- Multi selectable frequencies in 863 - 865 MHz or 673 - 697.800 MHz (A version) - PLL synthesized
- Audio level indicators (L&R)
- Channel selector and display
- Headphone output
- Audio input level control
- Combo inputs (XLR + JACK)
- Selectable mono or stereo mode



### RECEIVER

RF Frequency Band	863 ~ 865 MHz or 673 - 697.800 MHz (A version)
Bandwidth	2 MHz or 25 MHz
Channel	Depending on Frequency version
Oscillation Mode	PLL Synthesized
Frequency Stability	0,005%
Modulation Method	FM (F3E) stereo
RF Max deviation	max 70 KHz
Receiving Mode	Single Receiving
Rf Receiving Sensitivity	-110 dBm
Squelch Level	fix
Audio Frequency Response	50 Hz - 15 KHz
THD	<0,5% at 1 KHz
S/N Ratio	90 dba
Stereo Separation	>45dB
Earphone Output	3,5 mm stereo jack
Earphone Impedance	16 Ω
Output Power (32 Ω)	2 x 100 mw
Eq	4 selectable eq mode
Limiter	On/ Off
Power Supply	2 x AA 1,5 volt battery
Operating Time	up to 8 hours ( depending volume )
Dimensions (mm)	W 64 x D 20 x H 100

### TRANSMITTER

RF Frequency Band	863 ~ 865 MHz or 673 - 697.800 MHz (A version)
Channel	Depending on Frequency Version
Oscillation Mode	PLL Synthesized
Frequency Stability	0,005%
Modulation Method	FM ( F3E )
RF Max deviation	max 70 KHz
Audio Frequency Response	50 Hz - 15 KHz
THD	<1% at 1 KHz
Spurious Emission	< 4nw
RF Power	low < 10 mw; middle < 50 mw; high < 100 mw (depending on national rules)
Audio Input	line level x 2, Combo socket
Audio Output	xlr phone jack x 2
Earphone Output	6,3 mm stereo jack with adjustabel volume
Earphone Impedance	16 Ω
Output Power (32 Ω)	2 x 100 mw
Amplifier Gain	low/high : - 10dB
Antenna Connector	TNC (50 Ω impedance)
Power Supply	DC 12 / 18 V
Dimensions (mm)	W 215 x D 160 x H 44







# CONFERENCE



# WIRELESS 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.

## WCS1000RXV2



- PLL UHF Receiver
- Three operating modes: FIFO, LIMIT MODE, CHAIRMAN ONLY
- Capability to connect up to 256 microphone bases
- 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



# CONFERENCE SYSTEMS

## WCS1000CV2



- PLL UHF Transmitter
- Uni-directional condenser microphone
- 3 function Key to set the microphone state
- Backlight 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
- Backlight 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

## WCS1000CHV2

- Able to charge up to 8 pcs rechargeable lithium batteries
- Universal Power Requirement AC110 ~230V
- Electronic circuit for intelligent charging
- Retractable handle and wheels for transport

Items	Parameter
Power Supply	110 V-240 V/50 Hz~60 Hz
Consumption Rating	100 W
Charge Quantity	8
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 370 x W 370 mm
Weight	5000 g





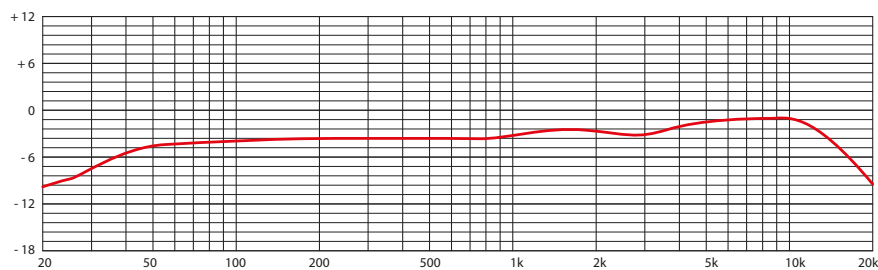
# INSTALLATION MICROPHONES

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

## EK600GCV2 - EK400GCV2

- Permanently polarized condenser capsule
- Cardioid polar pattern
- 40/60 cm gooseneck with dual flexible section
- Switch for direct connection to 48V Phantom Power or to EKBMG01 mic base (3V)
- Windscreens included

Type	Back Electred Condenser
Polar Pattern	Uni-directional
Frequency Response	50 to 12.000Hz
Output Impedance (at 1000 Hz)	680 Ω
Load Impedance (at 1000 Hz)	1000 Ω
Sensitivity (at 1000 Hz)	-46 dB
Power Requirement	EKBMG01 mic base or 48 V Phantom Power
Dimensions	400 / 600 mm L x 21 mm W
Net Weight	160 / 175 gr



## EKBMG01

EKBMG01 is a professional Microphone base with Touch Sensitive ON/OFF switch and status indicator led screen. The internal metal reinforcement ensures the maximum stability when used.



- Support for EK Professional Gooseneck Mics
- Touch Sensitive Switch
- Rugged Construction and Ergonomic Design
- It can be powered by battery or by Phantom power



# INSTALLATION MICROPHONES

## EK40BMG

- Professional table microphone
- High sensitivity condenser microphone capsule
- Flexible gooseneck
- Illuminated ring to indicate operating condition
- ON/OFF switch
- Perfect for all PA applications, such as conference and paging
- It can be powered by battery or by Phantom power
- Windscreen included

Type	Back Electred Condenser
Polar Pattern	Cardioid
Sensitivity	-40 dB $\pm$ 2 dB
Frequency Response	40 Hz -20kHz
Power Supply	Phantom 48V DC or 3V (2 x 1,5V AAA type batteries)
Controls	ON/OFF switch
Output connector	XLR Male
Output Impedance	75 $\Omega$
Gooseneck length	445 mm
Dimensions	115 x 30 x 140 mm
Net Weight	0,50 Kg



## EK100BM

- Low-profile Condenser Boundary Microphone
- Half-space unidirectional polar pattern
- Wide dynamic range
- 50 Hz -18 KHz frequency response
- Phantom power requirements 9-52V
- Mini 3 pin - xlr connector
- 8mt lenght cable included

Element	Back Electred Condenser
Polar Pattern	Uni-directional
Frequency response	60Hz-16kHz
Sensibility	-48dB $\pm$ 3dB (0dB=1V/Pa @ 1kHz)
Output impedance	600 $\Omega$
Max Input SPL	105 dB (at 1KHz<1% T.H.D.)
S/N ratio	67 dB (1KHz@1Pa)
Power Requirement	48 V Phantom Power
Cable length	8 m
Weight (Kg)	0,25 without cable
Dimension	75 x 100 x 20 mm
Color	Black





**EKCAT24IE**

[eikon-audio.com](http://eikon-audio.com)

# EIKON

## UK

Proel International Ltd.  
London

## KOREA

Proel Korea Co. Ltd.  
Gyeonggi-Do

## USA

Proel North America Inc.  
Los Angeles

## TUNISIE

Proel Tunisia Sarl  
Tunisi

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