

IVM4500

REFERENCE WIRELESS
IN-EAR-MONITORING SYSTEM

NO COMPROMISE

for live applications and professional installations

IVM4500 IEM is the only wireless in-ear monitoring system featuring an binaural room simulations that provides musicians, vocalists and presenters with a uniquely natural listening experience.

Its high-end radio electronic radio circuitry includes a manual radio signal attenuator for more robust radio reception in crowded environments. An enhanced frequency setup shows the number of free channels. Integrated preset groups support TV channels and allows the operation of up to 14 channels simultaneously within the same frequency band. A quick frequency swap function supports monitor engineers

to listen to the audio signals of different channels. The IVM4500 IEM system ships as a set package and includes one SPR4500 IEM diversity receiver, one SST4500 IEM transmitter and one pair of IP2 ear-channel headphones.

All Products share these features:

- **Diversity Receiver**
two matched antennas ensures reliable transmission
- **Sophisticated, narrow RF filter design**
for best radio signal performance
- **HiQnet network remote control and monitoring for a natural**
from PC via Harman System Architect software™, iPhone/iPad/
iPod® or Soundcraft Vi consoles
- **Patented DSP filter technology**
for reference sound quality
- **Quick frequency swap function**
to support monitor engineers



SST4500

REFERENCE WIRELESS
IN-EAR MONITORING STEREO TRANSMITTER

SST4500 IEM is a wireless in-ear monitoring stereo transmitter for live applications and professional installations. An integrated dbx compressor, different EQ settings, and the unique binaural room simulation algorithms provide outstanding audio performance. Its frequency preset banks support TV-channels and ensure an easy and reliable frequency coordination. The radio output power can be set to 10, 20, 50 and 100mW (country dependent). Optimized radio output power is important when the in-ear monitor system is used together with a wireless microphone system.

The optional network remote control allows frequency coordination and monitoring via Windows System Architect™ software, iPhone/iPad/iPod or via Soundcraft Vi consoles. A complete line of accessories allows to set up an absolute reliable system with a large covering area.

- **Patented digital MPX Stereo signal creation**
for premium S/N ratio and ultra linear frequency response
- **Rugged half 19" all metal case transmitter**
for flexible, space efficient system configurations
- **Up to 14 pre-programmed frequencies per group**
for quick selection of clean transmission frequencies
- **Integrated digital signal processing**
with low-cut filter, 3-band equalizer, dbx® compressor and dbx® limiter
- **Unique IVA binaural room simulation**
for a natural listening Vi

Included accessories: RMU4000 Rack Mount Unit, AC12 EU/US/
UK Lockable Power supply, BNC UHF Antenna



SPR4500

REFERENCE WIRELESS IN-EAR-MONITORING RECEIVER

SPR4500 IEM is a wireless diversity in-ear-monitoring receiver for live applications and professional installations. Its provides antenna diversity, with two matched antennas, reference radio electronics design and a manual radio signal attenuator for for more robust radio reception in crowded environments.

SPR4500 IEM features an automatic set-up function for finding clean frequencies. The receiver provides a backlit display indicating signal strength and battery status. A central positioned on/off/volume control can be operated intuitively. With the "Individual mix"-function a personalized monitor mix can be set up easily.

Integrated charging contacts allow the optional BP4000 battery pack to remain inside the receiver whilst being charged on the CU4000 charger (optional).

- **Reliable transmission**
Two matched antennas and a new reference radio electronic design
- **Best radio signal performance**
with manual RF gain control
- **Enhanced automatic setup**
shows number of free channels and quickly finds a rugged frequency set
- **Reference audio quality**
powerful headphone amplifier with ultra linear frequency response
- **Individual mix**
Stereo, Mono and Dual mode

Included accessories: BC4000 Belt clip, 2 x AA Batteries AA Size Batteries

IP2

HIGH-PERFORMANCE IN-EAR HEADPHONES

TINY PHONES, HUGE SOUND

for in-ear monitoring

The IP2 in-ear headphones provide wide-range sound and excellent isolation to suppress high ambient noise levels, on loud stages, for example. This makes the IP2 an ideal tool for in-ear monitoring applications. Thanks to the dynamic driver, it delivers a perfectly contoured bass even at very low frequencies.

An integrated sliding cable tie and the soft-rubber sleeves enable the IP2 to adapt to every ear. The IP2 earphones are also included in the AKG professional in-ear monitoring system, the IVM4500.

- **In-ear, closed-back design**
for isolation of stage noise
- **High-performance dynamic driver**
ensures high dynamic range, even at very low frequencies
- **Individual fit with three different sleeves (S, M, L)**
protective carrying case and bag included





SRA2 W

PASSIVE DIRECTIONAL
WIDE-BAND UHF ANTENNA

UNIVERSAL DIRECTIVITY

For indoor or outdoor use with short cables

The SRA2 W is a passive directional wide-band UHF antenna that can be used as a transmitting or receiving antenna for wireless microphones and in-ear monitoring systems. It operates in a frequency range from 500MHz to 865MHz, provides a covering angle of 70° and an antenna gain of 6dB. The SRA2 W is built in a passive technology and requires no powering. It works for short cable lengths up to 10m and supports a professional BNC connector.

The antenna has waterproof construction and can be used for indoor and outdoor applications. With the included universal thread adapter, it can be mounted on floor stands with 3/8" or 5/8" screws.

SRA2 B/W

ACTIVE DIRECTIONAL
WIDE-BAND UHF ANTENNA

CLOSER TO THE HOT SPOT

for indoor or outdoor use with long cables

The SRA2 B/W is an active directional wide-band UHF receiving antenna for use with wireless microphone systems. It operates in a frequency range from 500MHz to 865MHz, provides a covering angle of 70° and has a built-in amplifier. With a total gain of 22dB, it compensates for long cable runs. In combination with dedicated antenna components, it works for cable lengths up to 300m and can be remotely powered through the antenna cable.

The antenna has waterproof construction and can be used for indoor and outdoor applications. With the included universal thread adapter, it can be mounted on floor stands with 3/8" or 5/8" screws.

- **Works as transmitting and receiving antenna**
a partner for wireless microphones and in-ear monitoring
- **Operates in an ultra-wide frequency range**
500MHz to 865MHz for universal use
- **70° covering angle**
to reduce unwanted radio signals
- **6dB antenna gain**
for long-distance applications
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: SRA2 W 3009H00150

- **Integrated high-performance antenna booster**
22dB total gain for cable lengths up to 300m (1000 ft)
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Operates in an ultra-wide frequency range**
500MHz to 865MHz for universal use
- **70° covering angle**
to reduce unwanted radio signals
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: SRA2 B/W 3009H00160



RA4000 W

PASSIVE OMNIDIRECTIONAL
WIDE-BAND UHF ANTENNA

THE ALL-AROUNDER

for indoor or outdoor use with short cable lengths

The RA4000 W is a passive omnidirectional wide-band UHF antenna that can be used as a transmitting or receiving antenna for wireless microphones and in-ear monitoring systems. It operates in a frequency range from 500MHz to 865MHz, providing a covering angle of 360° and an antenna gain of 1dB. The RA4000 W is built with passive technology and requires no powering. It works for short cable lengths up to 10m and supports a professional BNC connector.

The antenna has waterproof construction and can be used for indoor and outdoor applications. Using the included universal stand adapter, the RA4000 W can be mounted on floor stands with 3/8" or 5/8" screws.

- **Works as a transmitting or receiving antenna**
a partner for wireless microphones and in-ear monitoring
- **Operates in an ultrawide frequency range**
500MHz to 865MHz for universal use
- **Water-resistant construction**
to withstand extreme weather conditions

Included accessories: Standadapter

Item Number: RA4000 W 2632H00310



RA4000 B/W

ACTIVE OMNIDIRECTIONAL
WIDE-BAND UHF ANTENNA

EXTRA POWER

for indoor or outdoor use with long cable lengths

The RA4000 B/W is an active omnidirectional wide-band UHF receiving antenna for use with wireless microphone systems. It operates in a frequency range from 500MHz to 865MHz, providing a covering angle of 360° and a total gain of 18dB. The RA4000 B/W has a built-in amplifier to compensate long cable runs. With dedicated antenna components, it works for cable lengths up to 300m. The RA4000 B/W is remotely powered through the antenna cable.

The antenna has waterproof construction and can be used for indoor and outdoor applications. Using the included universal stand adapter, the RA4000 B/W can be mounted on floor stands with 3/8" or 5/8" screws.

- **Integrated high-performance antenna booster**
18dB total gain for cable lengths up to 300m (1000 ft)
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Operates in an ultrawide frequency range**
500MHz to 865MHz for universal use
- **Water-resistant construction**
to withstand extreme weather conditions

Included accessories: Standadapter

Item Number: RA4000 B/W 2632H00320



PS4000 W

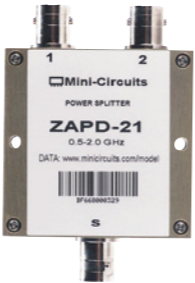
ACTIVE WIDE-BAND UHF
ANTENNA SPLITTER

SPLIT UP

for DMS700, WMS4500, WMS470, WMS450 receivers

PS4000 W is an active wide-band UHF antenna distributor to feed up to five receivers with the RF signal of a pair of antennas. It is capable of adjusting the radio signal strength transmitted to a receiver. Adjustable RF-level settings guarantee maximum operating distance even when using different cable lengths and different types of cable. It supports the wireless system with optimal radio power and improves multichannel capability.

The PS4000 W comes in a rugged half-rack metal housing and works with all active and passive AKG antennas, RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W.



ZAPD21

PASSIVE WIDE-BAND UHF
ANTENNA COMBINER/SPLITTER

TWO-WAY CROSSING

for DMS700, WMS4500, WMS470, WMS450 receivers

The ZAPD21 is a passive, wide-band UHF antenna combiner/splitter. It can be used with active and passive transmitter and receiver antennas. It passes through the power from transmitters, receivers and power supplies, enabling remote powering of connected antennas.

The ZAPD21 comes in a rugged, waterproof metal housing and works in a bi-directional way with all active and passive AKG antennas, RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W. It operates in a frequency range from 500MHz to 2000MHz with a low insertion loss of 3dB.

- **Cable length adjustment switch**
for optimizing antenna signal levels
- **Remote power for antennas and receivers**
power via antenna cable eliminates any extra installation effort
- **Operates in an ultrawide frequency range**
500MHz to 865MHz for universal use
- **Link output**
to cascade up to three PS4000 Ws for large systems

Included accessories: RMU4000 Rack Mount Unit

Item Number: PS4000 W 2996H00100

- **Bi-directional operation**
for splitter and combiner use
- **Pass-through of remote power**
for most flexible installation
- **Operates in an ultrawide frequency range**
500MHz to 865MHz for universal use worldwide
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: ZAPD21 SERVSON760



AB4000

ANTENNA BOOSTER

BEYOND ALL LIMITS

for DMS700, WMS4500, WMS470, WMS450 receivers

AB4000 is a high-performance antenna booster to compensate signal loss on long antenna cables. One AB4000 can compensate for approximately 17dB of cable attenuation. Up to three boosters can be cascaded in case of extremely long cable runs.

The AB4000 comes in a rugged, waterproof metal housing and features an in-line power LED display and cable length adjustment switches. It works with all active and passive AKG antennas, RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W, and operates in a frequency range from 500MHz to 865MHz.

- **17dB amplification**
for extremely long cable runs
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Cable length adjustment switch**
for optimizing antenna signal levels
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: AB4000 3009H00020



ASU4000

REMOTE ANTENNA POWER SUPPLY UNIT

REMOTE DC POWER

for RA4000 B/W, SRA2 B/W antennas and AB4000 booster

The ASU4000 is a remote antenna power supply unit for large-scale antenna distribution or small antenna systems where no PS4000 W is in use. It provides the necessary power for up to three active antenna elements (RA4000 B, SRA2 B, AB4000) via the antenna cable.

The ASU4000 comes in a rugged, waterproof metal housing and features a lockable DC input and a status LED for fail-safe operation.

- **Powers up to three active antenna elements**
DC power for RA4000 B/W, SRA2 B/W and AB4000
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Lockable DC input**
for secure, failure-free connection
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: ASU4000 3009H00100



HUB4000 Q

HIQNET ETHERNET INTERFACE

MAKE THE CONNECTION
supports DMS700, WMS4000/4500 and IVM4/4500

The HUB4000 Q reference HiQnet® ethernet interface allows to connect up to eight AKG wireless devices to a HiQnet® network. HUB4000 Q connects to the network via a standard CAT-5 cable. For large wireless systems several HUB 4000 Qs can be cascaded using commercial Ethernet switches (or routers, wireless hubs, etc.), allowing you to configure and monitor complex systems from a single application. HUB4000 Q connects the wireless system to the applications Harman System Architect™, AKG Wireless app and VM2.

The HUB4000 Q comes in a rugged half-rack metal housing and provides 10 LEDs with information on the data transfer status as well as 4 DIP switches to setup the IP address.

- **Connects up to 8 wireless devices to HiQnet® network**
enables remote control via System Architect™, AKG Wireless app and VM²
- **Cascade-able via standard ethernet switches**
for easy setup of large system configurations
- **Central 10 LED operating display**
for full control on data transfer status
- **Covered DIP switches on front panel**
for quick and safe setup of the IP address
- **Rugged half-rack metal housing**
for flexible, space efficient system configurations

Item Number: HUB4000 Q 2999Z00140



AKG System Architect plugin

REMOTE CONTROL PC SOFTWARE

CONNECT. CONFIGURE. CONTROL.
supports DMS700, WMS4000/4500 and IVM4/4500

AKG's System Architect™ plug-in automatically identifies all HUB4000 Qs connected to a HiQnet® system. The channel-oriented user interface provides intuitive control of all parameters of the wireless channels. With the unique 1 Click Setup frequency coordination can be done with a single click. It performs an Environment Scan, calculates the discrete and intermodulation free frequencies and programs them into the wireless receivers.

1 Click Setup Xpert offers an advanced frequency coordination mode, with which restricted TV-channels and non AKG wireless frequencies can be included in the calculation.

Additional tools including Device Manager, Programmer Guide and Custom Panels make managing complex wireless systems easy and straight forward.

- **1 Click Setup**
automatic frequency coordination with a single click
- **1 Click Setup Xpert**
for advanced frequency coordination of large wireless systems
- **Custom Control Panels**
for easy control interface customizing
- **Intuitive tools**
for setting up and monitoring of multichannel wireless systems
- **Environment Scan of RF spectrum**
for graphical visualization of radio environment



VM²

SOUNDCRAFT VISTONICS MICROPHONE MONITORING

TOTAL CONTROL
supports DMS700, WMS4000/4500 and IVM4/4500 IEM

With VM² Vistonics Microphone Monitoring, Soundcraft and AKG are making the FOH engineer's life easier. For the first time the status of any HiQnet-compatible AKG wireless microphone can directly be monitored from a Soundcraft Vi consoles surface. VM² provides real time visual display of battery life, RF status and mic muting, right there on the relevant channel strip. Expanded information are instantly available by touching the Vistonics™ screen. e.g. pressing the Locate button on the consol causing the receiver's display to flash, for easy location in the rack.

VM² is supported by all Soundcraft Vi Series Mixing (Vi1, Vi2, Vi4, Vi6) consoles with V4.5 software.

- **Integrated in the Vistonics™ console user interface**
allows the monitoring of AKG wireless systems from the console
- **Real time visuals of wireless status**
right on the relevant channel strip
- **Detailed information on all critical functions**
RF signal strength, battery status and audio level
- **More efficient workflow**
for one less thing to worry about
- **No computer needed**
works with HUB4000 Q and HiQnet®



Wireless iPhone App

REMOTE CONTROL IOS APP

ILIKE
supports DMS700, WMS4000/4500 and IVM4/4500 IEM

The AKG Wireless iPhone™ App is a reference remote control for iOS devices. It enables monitor and control of a complete AKG wireless system from an Apple iPhone, iPad™ or iPod™ touch via Wi-Fi™.

The app offers unique functions like the radio frequency graph, which is the easiest way to find areas of good radio coverage by walking around the stage. Device list offers an instant overview of system alerts, information on the transmitters battery life, radio signal strength and audio signal quality. Furthermore the AKG Wireless App enables to remotely mute individual receivers.

The AKG Wireless app is available for free from the Apple iTunes™ Store.

- **Optimized touch user interface**
setup and monitor wireless systems from an iOS device
- **Graph of RF signal strength over time**
for walk around tests on stage with direct graphical feedback
- **Device List**
keep the overview over the entire system
- **Alerts within device list**
for instant information of critical system parameters
- **No computer needed**
works with HUB4000 Q and standard Wi-Fi™ routers



CU700

CHARGING UNIT

FAST AND COOL

for DHT700 and DPT700 transmitters

The CU700 is a charger that rapidly boosts the rechargeable batteries inside the transmitter without damaging the cells' elements. The CU700 charger determines the optimum charge current and has a quiet cooling fan to control the temperature of the cells. Integrated charging contacts allow the batteries to remain inside the transmitter while charging on the CU700.

The CU700 charger uses pulse technology, in which a pulse is fed to the battery. With pulse charging, high instantaneous voltages can be applied without overheating the battery. The CU700 provides two charging compartments for simultaneous charge of two devices. The housing can be rack-mounted using the optional 19" rack-mount unit.

- **Charger with two charging compartments**
for two DPT700, or DHT700
- **Smart current management system**
operates with two AA-size NiMH rechargeable batteries
- **Two-hour quick charging**
for up to eight hours of battery life
- **Optional 2U 19" rack-mount unit**
for easy installation without loose parts

Item Number: CU700 3158H00010



CU4000

CHARGING UNIT

SAVE SOME MONEY

for HT4500 and PT4500 transmitters and SPR4500 IEM receiver

The BP4000 and CU4000 represent a premium charging system for the transmitter of the WMS4500 wireless microphone system as well as for the body-pack receiver of the IVM4500 IEM in-ear monitoring system.

The CU4000 provides two charging compartments for simultaneous charge of two devices. An integrated microprocessor monitors battery status and calculates the remaining battery life. It warns the user of time needed to return to maximum service capability.

Integrated charging contacts allow the BP4000 battery pack to be used separately or to remain inside the transmitter or receiver while charging on the CU4000.

The BP4000 plus CU4000 system helps to reduce battery costs as well as environmental hazards from used batteries.

- **Accurate remaining battery life**
intelligent charge count
- **One-hour quick charge**
for twelve hours of operation
- **Charger with two charging compartments**
for two HT4500, PT4500 transmitters, or BP4000 battery packs
- **Smart current management system**
prevents overcharging and shows recovery time
- **Microprocessor-controlled life-cycle management**
with up to 1000 charging cycles

Item Number: CU4000 2887X00060



CU400

CHARGING UNIT

DROP IT IN

for WMS450 and WMS470 series transmitters

The AKG CU400 is a high-performance drop-in-style battery charger for WMS450 and WMS470 series wireless handheld and body-pack transmitters. The charger's design and the integrated charging contacts of the transmitter conveniently eliminate the need to remove the battery before charging; simply drop the entire transmitter into the slot. The charger monitors battery voltages and temperatures during charging and automatically ends the cycle when the batteries are fully charged.

The CU400 provides a status display LED for full control of the charging status.

- **Charger with two charging compartments**
for two HT450/470 or PT450/470
- **Two-hour quick charging**
for up to eight hours of battery life
- **Smart current management system**
operates with one AA-size NiMH rechargeable battery

Item Number:
CU400 EU/US/UK 2934H00010
CU400 2934H00040



PSU4000

CENTRAL POWER SUPPLY UNIT

POWER IT UP

for PS4000, SPC4500, HUB4000 Q, WMS receivers and charging units

The PSU400 is a central power supply unit for components of the WMS wireless microphone and IVM in-ear monitoring systems. It provides an IEC power socket and a switch mode power supply for worldwide use. The PSU4000 features three high current 12V/2A DC outputs via lockable DC connectors.

The PS4000 W comes in a rugged half-rack metal housing. It can supply up to 12 stationary receivers via the PS4000 W antenna splitter or four stationary IEM transmitters via SPC4500. Alternatively, it can power up to three charging units (CU4000 or CU700) or HUB4000 Q.

- **Rugged half-rack metal housing**
for flexible, space-efficient system configurations
- **Lockable DC output**
for secure, failure-free connection
- **Three high current 12V/2A DC outputs**
universal power supply for large systems

Included accessories: RMU4000 Rack Mount Unit,
3 x DC-DC Cable Powering cable

Item Number:
PSU4000 2997H00040 without mains cable
PSU4000 EU 2997H00010 with EU mains cable
PSU4000 UK 2997H00030 with UK mains cable
PSU4000 US 2997H00020 with US mains cable

DMS70

PROFESSIONAL DIGITAL
WIRELESS MICROPHONE SYSTEM

BOUNDLESS FREEDOM

for license-free operation, worldwide!

The DMS70 is a professional digital 2.4GHz wireless microphone system for worldwide, license-free operation. With 24bit, 48kHz audio coding, it provides uncompressed studio-quality transmission and a linear frequency response, for uncompromising vocal and instrumental performances. 128bit AES standard encryption prevents tapping of the audio signal, which makes it a perfect companion for high-security conferences.

The dynamic frequency selection (DFS) ensures that only the cleanest frequency bands are selected for the connection between receivers and transmitters

— automatically! The DMS70 is up and running in fractions of a second. The digital receiver and transmitter diversity provide rock-solid, drop-free signal transmission. A maximum of eight channels can be operated simultaneously.

All Products share these features:

- **True uncompressed transmission**
for best studio-quality audio transmission
- **Standard AES 128bit encryption**
prevents tapping of the audio signal
- **Plug-and-play solution**
up and running in a second
- **Digital receiver and transmitter diversity**
for unmatched signal stability
- **Dynamic frequency selection**
automatically selects the best frequency band



DSR70

PROFESSIONAL DIGITAL
WIRELESS MULTICHANNEL RECEIVER

The DMS70 professional digital diversity receiver features bidirectional communication between the transmitter and receiver, which offers a number of valuable functions including remote power off for all transmitters, battery status monitoring and more. The dynamic frequency selection (DFS) intelligently chooses only the cleanest frequency bands to establish a robust connection to the transmitters. Thanks to the one-click pairing function, the system is up and running immediately.

DMS70 is available in two versions, DMS70 Dual for up to two channels and DMS70 Quattro for up to four channels. Two DMS70 receivers can operate together, providing up to eight simultaneous channels. The package includes a universal power supply kit for worldwide use.

- **Dynamic frequency selection**
automatically selects the best frequency band
- **Standard AES 128-bit encryption**
prevents tapping of the audio signal
- **Auto correction switch**
more processor power for clearer signals
- **DMS70 Dual two-channel receiver**
with two individual 1/4" jack outputs
- **DMS70 Quattro four-channel receiver**
four channel outputs and one MIX output via XLR connector

Included accessories: AC12 EU/US/UK Power supply



DHT70

PROFESSIONAL DIGITAL WIRELESS HANDHELD TRANSMITTER

The DHT70 is a professional digital 2.4GHz handheld transmitter for worldwide, license-free operation. With 24bit, 48kHz audio coding, it provides uncompressed studio-quality transmission and a linear frequency response. It is available in two versions, with D5 or P3 dynamic capsule, perfect for uncompromising vocal performances.

The DHT70 provides digital diversity and an out-of-range warning function to ensure a stable and drop-free signal within the entire operating area. A high/low input gain switch allows optimum level adjustment for clear, distortion-free signals.

- **P3 or patented state-of-the-art D5 dynamic capsule**
different versions for demanding vocals
- **True uncompressed audio transmission**
for best studio-quality sound
- **Out-of-range warning**
for secure operation
- **Auto power off function**
saves battery life and reduces operating costs
- **Digital transmitter diversity**
for unmatched signal stability

Included accessories: Standadapter, 2 x AA Batteries

DPT70

PROFESSIONAL DIGITAL WIRELESS BODY-PACK TRANSMITTER



The DPT70 is a professional digital 2.4GHz body-pack transmitter for worldwide, license-free operation. With 24-bit, 48kHz audio coding it provides uncompressed studio-quality transmission and a linear frequency response, perfect for demanding instrumental performances. 128-bit AES standard encryption prevents tapping of the audio signal, which makes it a perfect companion for high-security conferences.

The DHT70 provides digital diversity and an out-of-range warning function to ensure a stable and drop-free signal within the entire operating area. Its input is fully adjustable between mic and line level for noise- and distortion-free signal reproduction from loud guitars or gentle acoustic guitars.

- **Professional three-pin mini XLR connector**
compatible with guitar cables and headset and instrument mics
- **True uncompressed audio transmission**
for best studio-quality audio transmission
- **Plug-and-play solution**
up and running in a second
- **Out-of-range warning**
for drop-free operation
- **Auto power off function**
saves battery life and reduces operating cost

Included accessories: MKG L Instrument cable, 2 x AA Batteries, BC700 Belt clip

DMS70 SETS



DMS70 QUATTRO

VOCAL SET

Professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The two included hand-held transmitters provide a D5 dynamic capsule for uncompromising vocal performance. The receiver offers four channels in one rugged 19" housing. Its one-click pairing function gets the system up and running in seconds.

DMS70 Quattro, Vocal Set package includes:

- 1 x DSR70 Quattro Receiver
- 2 x DHT70 Hand-held Transmitter
- 1 x Universal power supply with US/UK/EU adapter 4 x AA size battery, 2 x Stand adapter

DMS70 QUATTRO

INSTRUMENTAL SET

Professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. Each of the two included bodypack transmitters provides a professional three-pin mini XLR connector, fully compatible with all guitar and bass levels, headsets and instrumental mics. The receiver offers four channels in one rugged 19" housing. Its one-click pairing function gets the system up and running in seconds.

DMS70 Quattro, Instrumental Set package includes:

- 1 x DSR70 Quattro Receiver
- 2 x DPT70 Body-pack Transmitter
- 2 x MKG L guitar cable
- 1 x Universal power supply with US/UK/EU adapter, 4 x AA size battery



DMS70 QUATTRO

VOCAL / INSTRUMENTAL SET

Professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The included bodypack transmitter provides a professional three-pin mini XLR connector, compatible with guitar and bass guitar levels, headsets and instrumental mics. The included hand-held transmitter provides a D5 dynamic capsule for uncompromising vocal performance. The receiver offers four channels in one rugged 19" housing. Its one-click pairing function gets the system up and running in seconds.

DMS70 Quattro, Vocal / Instrumental Set package includes:

- 1 x DSR70 Quattro Receiver
- 1 x DHT70 Hand-held Transmitter
- 1 x DPT70 Body-pack Transmitter
- 1 x MKG L guitar cable
- 1 x Stand adapter
- 1 x Universal power supply with US/UK/EU adapter, 4 x AA size battery

DMS70 DUAL

VOCAL SET

Professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The included hand-held transmitter provides a super cardioid dynamic capsule for professional vocal performance. The receiver offers two channels in one rugged half 19" housing. Its one-click pairing function gets the system up and running in seconds.

DMS70 Dual, Vocal Set package includes:

- 1 x DSR70 Dual Receiver
- 1 x DHT70 Hand-held Transmitter
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery, 1 x Stand adapter

DMS70 DUAL

INSTRUMENTAL SET

Professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The included bodypack transmitter provides a professional three-pin mini XLR connector, compatible with all bass/guitar levels, headsets and instrumental mics. The receiver offers two channels in one rugged half 19" housing. Its one-click pairing function gets the system up and running in seconds.

DMS70 Dual, Instrumental Set package includes:

- 1 x DSR70 Dual Receiver
- 1 x DPT70 Body-pack Transmitter
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery, 1 x MKG L guitar cable

Perception Wireless

HIGH-PERFORMANCE
WIRELESS MICROPHONE SYSTEM

NO MORE CABLES!

for houses of worship, hotels, clubs and band applications

Perception Wireless is a high-performance analog UHF wireless microphone system which delivers brilliant sound and is easy to use. It is the optimum plug and play wireless solution for small stages, clubs, places of worship, hotels, and gyms. The preset frequency sets allow easy setup from single-channel applications to multichannel systems.

Perception Wireless offers exceptional eight hours of operation from a single aa size battery, which dramatically reduces the operating costs in day-to-day use. The system is available in complete

set packages for different applications. All include a universal connector kit for worldwide use.

All Products share these features:

- **30MHz selection bandwidth**
save operation for simple multichannel systems
- **Eight hours of operation from a single AA size battery**
saves money in day-to-day use
- **Auto Setup Mode**
plug and play solution for easy setup
- **Switched mode power supply**
universal connector kit for worldwide use
- **Eight hours of operation from a single AA size battery**
saves money in day-to-day use



SR45

HIGH-PERFORMANCE
WIRELESS STATIONARY RECEIVER

The SR45 analog space diversity receiver provides maximum ease of use with different channel presets up to six channels. It is perfect for instrumental and vocal performances in small clubs as well as for use in houses of worship and in conference rooms.

The SR45 provides an audio clipping and RF signal strength LED for easy monitoring of the systems status. Best audio signal output is provided via both a professional XLR and a 1/4" jack connector. For worldwide use, the receiver comes with a universal, switched mode power supply kit.

- **30MHz selection bandwidth**
simultaneous use of up to 6 channels
- **Professional balanced XLR and 1/4" jack output**
for best audio signal
- **Audio clip and RF control LED on receiver**
for easy monitoring your performance
- **Switched mode power supply**
universal connector kit for worldwide use
- **Adjustable squelch level**
for secure audio transmission in all environments

Included accessories: AC12 EU/US/UK Power supply



HT45

HIGH-PERFORMANCE WIRELESS HANDHELD TRANSMITTER

The HT45 analog handheld transmitter features a dynamic microphone capsule for demanding vocal performances. The cardioid polar pattern ensures maximum gain before feedback and makes your voice cut through any mix. Its spring-steel wire-mesh front grille protects the transducer from the hardships of on-stage use.

The HT45 provides a gain control for perfect adjustment of the input volume and a noiseless On/Off/Mute switch. A battery status indicator shows RED before the battery goes dead, allowing the user to fully control his performance time.

- **Eight hours of operation from a single AA size battery**
saves money in day-to-day use
- **Gain control on transmitter**
for immediate volume adjustment
- **Noiseless On/Off/Mute switch**
for easy operation

Included accessories: Standadapter, AA Size Battery



PT45

HIGH-PERFORMANCE WIRELESS BODY-PACK TRANSMITTER

The PT45 is a professional analog pocket transmitter in small, rugged housing. A professional mini XLR audio connector makes the body-pack compatible with all kinds of guitars, basses, instrumental pickups and headsets. It is designed for stress-free work on small stages, in houses of worship and in conference rooms.

The PT45 provides a gain control for perfect adjustment of the input volume and a noiseless on/off/mute switch. A battery-status indicator shows red before the battery goes dead, allowing the user full control of performance time. The package includes a rugged guitar cable.

- **Eight hours of operation from a single AA size battery**
saves money in day-to-day use
- **Professional three-pin mini XLR connector**
compatible with guitar cables, headset and instrument mics
- **Gain control on transmitter**
for immediate volume adjustment
- **Noiseless on/off/mute switch**
for easy operation
- **Compact and rugged body-pack design**
for maximum wearing comfort

Included accessories: MKG L Instrument cable, BC400 Belt clip, AA Size Battery

WMS45 SETS



PERCEPTION WIRELESS

VOCAL SET

The Perception Wireless Vocal Set delivers brilliant sound and is surprisingly easy to use. The included hand-held transmitter features a dynamic microphone with cardioid polar pattern, ensuring voices to cut through any mix. The SR 45 receiver provides professional XLR and 1/4" jack outputs.

WMS45, Vocal Set package includes:

- 1 x SR45 Receiver
- 2 x HT45 Hand-held Transmitter
- 1 x Stand adapter
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



PERCEPTION WIRELESS

INSTRUMENTAL SET

The Perception Wireless Instrumental Set delivers brilliant sound for an exceptionally wide range of applications. The included bodypack transmitter is the smallest and lightest transmitter in its class. It provides a professional three-pin mini XLR connector and can be used with the included guitar cable or one of the optionally available AKG miniature microphones.

WMS45, Instrumental Set package includes:

- 1 x SR45 Receiver
- 1 x PT45 Body-pack Transmitter
- 1 x MKG L cable
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



PERCEPTION WIRELESS

SPORTS SET

The Perception Wireless Sports Set delivers brilliant sound and is surprisingly easy to use. The included bodypack transmitter is the smallest and lightest transmitter in its class. The package also includes a C544 L condenser head-worn microphone featuring an external shock mount for high mechanical-noise rejection. Its moisture shield ensures a high degree of humidity protection for the microphone.

The WMS45, Sports Set package includes:

- 1 x SR45 Receiver
- 1 x PT45 Body-pack Transmitter
- 1 x C544 L Head-worn Microphone
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



PERCEPTION WIRELESS

PRESENTER SET

The Perception Wireless Presenter Set delivers brilliant sound and is surprisingly easy to use. The included CK99 lavalier microphone clips on quickly and easily, and provides optimum intelligibility for theater performances, presentations or talk shows. The SR 45 receiver provides professional XLR and 1/4" jack outputs.

The WMS45, Presenter Set package includes:

- 1 x SR45 Receiver
- 1 x PT45 Body-pack Transmitter
- 1 x CK99 L Lavalier Microphone
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery

WMS40 Mini

WIRELESS MICROPHONE SYSTEM

SMALL SIZE BIG SOUND

for houses of worship, hotels, gyms and band applications

The WMS40 Mini high performance wireless microphone system provides crystal clear sound and is a true plug'n'play solution. "Up and running" in a second, it is the optimum wireless solution for small stages, clubs, places of worship, hotels, and gyms. The system is available in different application optimized set packages, all of which includes a universal, switched mode power supply for worldwide operation.

The WMS40 Mini system stands out for its extremely long battery life of 30 hours with a single AA battery which helps saving money in the long run.

All Products share these features:

- **Crystal clear sound**
best audio quality for powerful performances
- **"Up and running" in a second**
plug and play solution for easy setup
- **30 hours of operation from a single AA size battery**
saves money in day-to-day use
- **Switched mode power supply**
universal connector kit for worldwide use



SR40 Mini

WIRELESS STATIONARY RECEIVER

The SR40 Mini and SR40 Mini DUAL receivers provide crystal clear audio quality for powerful performances. It features three status LEDs indicating ON/OFF status, received signal strength (RF OK) and audio clipping (AF CLIP). The receivers provide a volume control potentiometer and a noiseless ON/OFF switch to protect the connected speakers. The SR 40 MiniDUAL integrates two separate wireless receivers in one compact housing.

The SR40 Mini features one, the SR40 Mini Dual two balanced outputs via ¼" jack connector. The supplied switched mode power supply operates on any AC voltage from 110 to 240VAC and includes EU, UK, and US adapters.

- **Crystal clear sound**
For best audio quality
- **"Up and running" in a second**
plug and play solution for easy setup
- **Switched mode power supply**
universal connector kit for worldwide use
- **Ultra compact metal housing**
Rugged and lightweight
- **Available as single or dual receiver**

Included accessories: AC12 EU/US/UK Power supply



HT40 Mini

WIRELESS HANDHELD TRANSMITTER

The HT40 Mini is a handheld transmitter with a dynamic microphone capsule designed for stressless work in houses of worship, in clubs and on small stages. Its cardioid polar pattern ensures maximum gain before feedback and the unique HDAP (High Definition Audio Performance) technology delivers brilliant sound. The rugged transmitter features an On/Off/Mute switch and a sturdy wire-mesh cap to protect the microphone element.

The HT40 Mini system stands out for its extremely long battery life of 30 hours off a single AA battery. It represents ultimate ease of use at an unbeatable price-performance ratio.

- **High Definition Audio Performance technology**
for crystal clear audio quality
- **Cardioid polar pattern**
for trouble-free use on narrow stages
- **Robust spring steel grille**
extreme ruggedness for a long stage life
- **Noiseless On/Off/Mute switch**
to protect the connected speakers
- **Unbelievable 30 hours working time with one AA size battery**
saves money in day-to-day use

Included accessories: Standadapter, AA Size Battery

PT40 Mini

WIRELESS BODY-PACK TRANSMITTER

The PT40 Mini is a wireless body-pack transmitter in small, rugged housing, perfect for houses of worship, clubs, small stages and gyms. A professional mini XLR audio connector makes the body-pack compatible with all kinds of guitars, basses, instrumental pickups and headsets.

The PT40 Mini provides a gain control for perfect adjustment of the input volume and a noiseless on/off/mute switch. It stands out for its long battery life of 30 hours on a single AA battery. It represents ultimate ease of use at an unbeatable price/performance ratio.

- **Unbelievable 30 hours life with a single AA battery**
lowest operating cost in its class
- **Professional three-pin mini XLR connector**
compatible with guitar cables, headset- and instrument mics
- **Gain control on transmitter**
for immediate volume adjustment
- **Noiseless on/off/mute switch**
to protect the connected speakers
- **Compact and rugged body-pack design**
for maximum wearing comfort

Included accessories: MKG L Instrument cable, BC400 Belt clip, AA Size Battery

WMS40 MINI SETS



WMS40 MINI DUAL

VOCAL SET

High performance wireless microphone system providing crystal-clear audio sound and a true plug-and-play solution. Each of the two included hand-held transmitters features a dynamic cardioid capsule for maximum gain before feedback. Their long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver offers two balanced outputs via 1/4" jack connectors.

WMS40 Mini Dual, Vocal Set package includes:

- 1 x SR40 Dual Mini
- 2 x HT40 Mini
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery



WMS40 MINI DUAL

INSTRUMENTAL SET

High-performance wireless microphone system providing crystal-clear audio sound and a true plug-and-play solution. Each of the two included bodypack transmitters provides a professional three-pin mini XLR connector, compatible to all guitars, basses and AKG's MicroMics, from line to mic level. Their long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver offers two balanced outputs via 1/4" jack connectors

WMS40 Mini Dual, Instrumental Set package includes:

- 1 x SR40 Dual Mini
- 2 x PT40 Mini
- 2 x MKG L cable
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery



WMS40 MINI DUAL

VOCAL / INSTRUMENTAL SET

High-performance wireless microphone system offers crystal-clear audio sound in a true plug-and-play solution. The included bodypack transmitter provides a professional three-pin mini XLR connector, compatible with guitar and bass levels, headsets and instrumental mics. The included hand-held transmitter features a dynamic cardioid capsule for maximum gain before feedback. Their long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver offers two balanced outputs via 1/4" jack connectors.

WMS40 Mini, Vocal Set package includes:

- 1 x SR40 Dual Mini
- 1 x HT40 Mini
- 1 x PT40 Mini
- 1 x MKG L cable
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery



WMS40 MINI SINGLE

VOCAL SET

High-performance wireless microphone system providing crystal-clear audio sound in a true plug-and-play solution. The included hand-held transmitter features a dynamic cardioid capsule for maximum gain before feedback. Its long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver comes in an ultracompact housing and offers a 1/4" jack output.

WMS470, Guitar Set package includes:

- 1 x SR40 Mini
- 1 x HT40 Mini
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS40 MINI SINGLE

INSTRUMENTAL SET

High-performance wireless microphone system providing crystal-clear audio sound in a true plug-and-play solution. The included bodypack transmitter provides a professional three-pin mini XLR connector, compatible with guitar and bass levels, headsets and instrumental mics. Its long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver comes in an ultracompact housing and offers a 1/4" jack output.

WMS40 Mini, Instrumental Set package includes:

- 1 x SR40 Dual
- 1 x PT40 Mini
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery