

WIRELESS SYSTEMS

SUPERIOR SOUND IN MOTION

Wireless systems free musicians from the constraints of microphone cables. Complex multichannel systems are available for use in large halls. AKG systems with computer network control ensure both optimum reliability and ease of use with automatic setup, remote control and intelligent battery monitoring functions. AKG software for the Apple iPhone® displays all important system parameters on the cell phone screen for easy system performance monitoring.

AKG wireless systems are known in the industry for their excellent audio quality. Even guitarists and bass players who had been skeptical about wireless technology love the undistorted bass and uncolored high end of the AKG sound. This is true for both the conventional analog WMS 4500 and, even more so, for the pioneering DMS 700 digital system.

Most small bands or halls use systems with a maximum of eight channels. They expect the system to function reliably and easily with no need to study the manual first. Like their larger counterparts, AKG plug-and-play wireless systems come with intelligent receivers that automatically perform all operations needed to set up a multichannel system, and provide the same audio quality as larger systems do.

< DMS700

AKG's DMS700 delivers premium digital audio quality with a bandwidth of up to 155MHz. It provides the flexibility needed for worldwide touring, even in the most crowded radio environment.



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DMS700

REFERENCE DIGITAL
WIRELESS MICROPHONE SYSTEM

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for theater, conference, live-production and tour-sound applications

AKG's revolutionary DMS700, the first professional digital wireless microphone system, is designed to deliver premium digital audio quality and quick-and-easy operation. With a bandwidth of up to 155MHz, the transmitters and receiver give the user the necessary flexibility for even the most crowded radio environment.

The state-of-the-art 512Bit audio encryption offers the highest security available for courtroom, boardroom and other confidential meeting environments. An optional network remote control allows fre-

quency coordination and monitoring of multichannel systems by Windows System Architect software, iPhone/iPad/iPod or Soundcraft Vi consoles. For easy configuration of large systems, all components are available individually.

All Products share these features:

- **Up to 40 channels for simultaneous use**
high-end antenna system and multichannel accessories available
- **HiQnet network remote control and monitoring**
from PC via Harman System Architect software™, Apple iPhone/iPad/iPod® or Soundcraft Vi consoles
- **Digital wireless audio transmission**
eliminates any distortion and significant noise level
- **155MHz ultrawide frequency range**
ideal for worldwide touring in frequency-crowded environments
- **512Bit encryption**
state-of-the-art protection for sensitive audio information



DSR700

REFERENCE DIGITAL
WIRELESS STATIONARY RECEIVER

The DSR700 digital two-channel receiver offers an ultrawide bandwidth of up to 155MHz for reliable operation with great flexibility. It comes in a durable, 19" housing and works with all DMS700 transmitters.

The receiver finds interference-free channels and synchronizes the corresponding setup data to the transmitter via infrared. The environment scan converts the DSR700 into a spectrum analyzer. It scans the receiver's entire frequency band for active radio frequencies and displays the spectrum.

- **Two channels in a compact 19" metal casing**
for secure rack-mounting and transportation
- **Graphic spectrum analyzer**
provides a clear overview of radio frequencies
- **User-friendly operation**
fast and intuitive system setup
- **Integrated digital signal processing**
with low-cut filter, three-band equalizer, dbx® compressor and dbx® limiter
- **Analog and digital audio outputs**
2 x balanced XLR, 2 x unbalanced jack connector and AES/EBU-output with world clock input

Included accessories: 2 x BNC UHF Antennas,
IEC Power Chord EU, IEC Power Chord US



DHT700

REFERENCE DIGITAL WIRELESS HANDHELD TRANSMITTER

The DHT700 digital handheld transmitter comes with a robust and slim metal body and works with the receivers of the DMS700 digital wireless system. The DHT700 is available in three different versions. With AKG's legendary D5, D7 dynamic or C5 condenser microphones, it delivers a powerful sound, even on the noisiest stage.

The DHT700 provides an ultrawide bandwidth of 155MHz and a selectable radio output power of 10, 20, 30 or 50mW. The built-in helix antenna provides reliable wireless audio transmission. A 512Bit encryption technology keeps the audio signal secure against tapping.

- **Robust metal housing**
rugged and reliable construction
- **Helix antenna**
optimized signal strength with switchable RF power
- **D5, D7 or C5 microphones available**
different flavors for demanding vocals
- **Two-hour quick-charging**
of standard rechargeable NiMH batteries by integrated charging contacts
- **Quick and easy setup**
via infrared data communication

Included accessories: Standadapter
2 x AA Batteries AA Size Batteries, W3004 Windscreen

DPT700

REFERENCE DIGITAL WIRELESS BODY-PACK TRANSMITTER

The DPT700 digital body-pack transmitter provides an ultrawide bandwidth of 155MHz and a selectable radio output power of 10mW, 20mW, 30mW or 50mW. It can be programmed remotely via infrared data transmission from the DSR700 receiver. The state-of-the-art 512-bit encryption technology keeps the audio signal secure against tapping.

The DPT700 provides an optional external mute switch, allowing muting the audio even when the transmitter is hard to reach. The three-pin mini XLR audio input is compatible with any lavalier and head-worn microphones and provides a bias voltage of 5V.



- **Switchable radio output power**
for best signal quality in multichannel applications
- **Professional three-pin mini XLR connector**
compatible with headset, lavalier and instrument microphones
- **Two-hour quick-charging**
of standard rechargeable NiMH batteries via integrated charging contacts
- **Quick and easy setup**
via infrared data communication from the receiver
- **Remote microphone mute**
through external mute switch connector

Included accessories: 2 x AA Batteries, BC400 Belt clip, BC700 Belt clip

WMS4500

REFERENCE WIRELESS MICROPHONE SYSTEM

STRESS FREE

for large theatre, installed sound and tour sound applications

The WMS4500 analog wireless microphone system provides highest channel quantity, maximum reliability and easy setup. Combining several frequency bands allows to operate up to 70 channels simultaneously providing an enormous headroom of security for channel management. In combination with the outstanding audio quality WMS4500 gained worldwide recognition as a reliable workhorse in huge installations and on tour.

An optional network remote control allows frequency coordination and monitoring of multi-channel systems via Windows System Architect software,

iPhone/iPad/iPod or via Soundcraft Vi consoles. For easy configuration of customized systems, all system components are available individually.

All Products share these features:

- **Auto Setup, Environment Scan, and Rehearsal functions** for quick and easy setup
- **HiQnet network remote control and monitoring** from PC via Harman System Architect software™, Apple iPhone/iPad/iPod® or Soundcraft Vi consoles
- **Up to 70 simultaneous channels** for safe channel management in huge productions
- **Supreme audio quality** for highly demanding vocals, guitar and e-bass
- **Pilot Tone transmission** for transmitter battery status monitoring and tone code squelch



SR4500

REFERENCE WIRELESS STATIONARY RECEIVER

The SR4500 analog true diversity receiver provides maximum ease of use with an automatic setup function and scan of the radio frequency environment. The rehearsal mode supports the engineer during soundcheck with information on the systems signal quality. The programmable status monitor shows all relevant system information on an illuminated multicolor LED ring. Its precise battery life readout in hours is a valuable advantage in wireless applications.

A wide range of professional antenna splitters, power supplies and high-quality remote antennas is available to set up a reliable wireless system, even in a large area.

- **Rugged half-rack metal housing** for flexible, space-efficient system configurations
- **Environment scan and rehearsal functions** for secure operation even in crowded radio frequency environments
- **Backlit display and programmable multicolor status ring** for clear, selectable warning signals
- **Logic input and output** connectivity for external systems, such as AMX, Crestron, DMM
- **External antenna connectors** connect splitters, remote antennas and long cable runs to a large multichannel system

Included accessories: RMU4000 Rack Mount Unit, 2 x BNC UHF Antennas



HT4500

REFERENCE WIRELESS HANDHELD TRANSMITTER

The HT4500 is an analog handheld transmitter that connects to a choice of four different microphones to cover a wide range of applications. The unique dipole-antenna design ensures reliable transmission even when one pole of the antenna is covered completely by the user's hand. The pilot tone continuously sends transmitter data, including mute switch position and remaining battery life to the receiver.

The HT4500 offers an extended battery lifetime of 15 hours with two standard AA alkaline batteries. With integrated charging contacts, the optional BP4000 battery pack can be charged inside the transmitter. The readout of its exact battery life in hours is a valuable advantage in wireless applications.

- **Interchangeable microphone heads** a variety of premium dynamic and condenser vocal microphones available
- **Leading-edge dipole-antenna technology** optimum performance even when the antenna is covered
- **Up to 50mW transmission power** maximum radio signal strength for long-distance applications
- **15 hours battery life** with two standard AA alkaline batteries
- **Remaining battery lifetime in hours** real-time display of the remaining operating time

Included accessories: 2 x AA Batteries, Standadapter

PT4500

REFERENCE WIRELESS BODY-PACK TRANSMITTER

The PT4500 is an analog body-pack transmitter with supreme wireless audio quality for instrumental and vocal use. The pilot tone prevents unexpected system startup noise, continuously sending transmitter data, including mute switch position and remaining battery life, to the receiver. An optional RMS4000 external mute switch allows the user to mute the transmitter remotely.

WMS4500 transmitters offer an unmatched battery life of 15 hours with two standard AA-size alkaline batteries. With the integrated charging contacts, the optional BP4000 battery pack can be charged inside the transmitter.



- **Supreme audio quality** best with guitar, e-bass and highly demanding vocals
- **Up to 50mW transmission power** maximum radio signal strength for long-distance applications
- **15 hours battery life** with two standard AA-size alkaline batteries
- **Remaining battery life in hours** real-time display of operating time left
- **Integrated charging contacts** for quick charging of BP4000 battery packs inside the transmitter

Included accessories: 2 x AA Batteries, BC4000 Belt clip

WMS470

PROFESSIONAL WIRELESS MICROPHONE SYSTEM

FLEXIBLE AND EXPANDABLE

for conference, medium theater and houses of worship applications

WMS470 Professional analog UHF wireless system is the best choice for a cost-efficient, high-performance multichannel system. Up to 16 channels can be used simultaneously within the same frequency band. The pilot tone prevents the user from unexpected startup noise and it continuously sends transmitter data including low battery information to the receiver.

A revolutionary power management allow up to 14 hours of operation with one AA-size lithium battery. If a NiMH rechargeable battery is used, it can

be charged while remaining within the transmitter using the optional CU400.

All Products share these features:

- **Compatible with WMS4500 accessories**
for multichannel systems in critical environments
- **14 hours operation with one single battery**
Lowest operating costs using AA-size lithium dry battery
- **Pilot Tone transmission**
for transmitter battery status monitoring and tone code squelch
- **Up to 48 simultaneous channels**
when combining several frequency bands
- **Enhanced automatic setup with channel preview**
for quick and easy system setup



SR470

PROFESSIONAL WIRELESS STATIONARY RECEIVER

SR470 analog space diversity receiver comes in a rugged half rack metal housing. The enhanced Auto Setup, Environment Scan and Rehearsal mode allows a very easy and quick system setup. The programmable backlight changes the color to warn the user of critical operating conditions e.g. transmitter low battery information, audio peaks, or low radio signal strength.

A wide range of professional antenna splitters, power supplies, and high quality remote antennas, are available to handle complex antenna systems and up to 48 simultaneous wireless channels, even with large covering area.

- **Enhanced automatic setup with channel preview**
for quick and easy system setup
- **Pre-coordinated TV channel frequency presets**
maximum channel density for multichannel systems
- **Environment scan and rehearsal functions**
for secure operation even in crowded radio frequency environments
- **Programmable multicolor backlight display**
clear visual information of selectable warning signals
- **External antenna connectors**
connect splitters, remote antennas and long cable runs to multi channel systems

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



HT470

PROFESSIONAL WIRELESS HANDHELD TRANSMITTER

The rugged HT470 is an analog handheld transmitter with pilot tone transmission to prevent unexpected startup noise. It continuously sends transmitter data, including low-battery information to the receiver. An infrared data link in conjunction with the automatic frequency setup makes the HT470 extremely simple to use. The unique dipole-antenna design ensures reliable transmission even when one pole of the antenna is covered completely by the user's hand.

An enhanced battery automatically detects the used battery type and allows up to 14 hours of operation on one AA-size battery. The display shows the remaining operating time in hours.

- **Pilot Tone transmission**
for transmitter battery status monitoring and tone code squelch
- **Leading edge dipole-antenna design**
optimum performance even when the antenna is covered
- **Infrared synchronization**
for instant transmitter setup
- **Up to 50mW transmission power**
maximum radio signal strength for long-distance applications
- **Integrated charging contacts**
quick charging of a standard NiMH battery inside the transmitter

Included accessories: 1 x AA Battery, Standadapter

PT470

PROFESSIONAL WIRELESS BODY-PACK TRANSMITTER

The PT470 is an analog body-pack transmitter in a small, rugged housing. A pilot tone transmission prevents unexpected startup noise, continuously sending transmitter data, including low battery information, to the receiver. An enhanced battery management allows up to 14 hours of operation on a single AA-size battery. With the integrated charging contacts, a standard NiMH rechargeable battery can be charged inside the transmitter.

An optional RMS4000 external mute switch allows the user to mute the transmitter remotely. Its professional mini XLR audio connector makes the body pack compatible with a broad range of lavalieres and headsets.



- **Pilot tone transmission**
for transmitter battery status monitoring and tone code squelch
- **Compact, rugged body-pack design**
for maximum wearing comfort
- **External mute switch connector**
for remote muting of the microphone
- **Integrated charging contacts**
for charging of a standard NiMH battery inside the transmitter
- **Infrared synchronization**
for instant transmitter setup

Included accessories: 1 x AA Battery, BC400 Belt clip

WMS470 SETS



WMS470

VOCAL SET D5

Professional multichannel wireless microphone system with Pilot tone transmission to prevent unwanted noise. The included hand-held transmitter features a dynamic D5 capsule for well-balanced, powerful sound. The space diversity receiver offers both a microphone level and a line level output.

The WMS470, Vocal Set D5 package includes:

- 1 x SR470 Receiver
- 1 x HT470 Hand-held Transmitter with D5 capsule
- 1 x Stand adapter, 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS470

VOCAL SET C5

Professional multichannel wireless microphone system with Pilot tone transmission to prevent unwanted noise. The included hand-held transmitter features a C5 condenser microphone capsule for clear and detailed voice reproduction. The space diversity receiver offers both a microphone level and a line level output.

The WMS470, Vocal Set C5 package includes:

- 1 x SR470 Receiver
- 1 x HT470 Hand-held Transmitter with C5 capsule
- 1 x Stand adapter, 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS470

GUITAR SET

Professional multichannel wireless microphone system with Pilot tone transmission to prevent unwanted noise. The included bodypack transmitter comes in compact, rugged housing and provides supreme audio quality for demanding guitars and e-basses. The space diversity receiver offers both a microphone level and a line level output.

The WMS470, Guitar Set package includes:

- 1 x SR470 Receiver
- 1 x PT470 Body-pack Transmitter
- 1 x Instrument cable
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS470

SPORTS SET

Professional multichannel wireless microphone system with Pilot tone transmission to prevent unwanted noise. The included bodypack transmitter comes in compact, rugged housing. The package also enclose a C544 L condenser head-worn microphone featuring a cardioid polar pattern and an external shock mount for high mechanical-noise rejection. Its moisture shield ensures a high degree of humidity protection for the microphone.

The WMS470, Guitar Set package includes:

- 1 x SR470 Receiver
- 1 x PT470 Body-pack Transmitter
- 1 x C544 L Head-worn Microphone
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS470

PRESENTER SET

Professional multichannel wireless microphone system with Pilot tone transmission to prevent unwanted noise. The enclosed CK99 L cardioid condenser lavalier microphone provides a cardioid polar pattern and a natural sound, with a slight rise above 10kHz for added clarity. The package also includes a C555 L condenser head-worn microphone featuring a cardioid polar pattern and high intelligibility, even at high ambient noise levels.

The WMS470, Guitar Set package includes:

- 1 x SR470 Receiver
- 1 x PT470 Body-pack Transmitter
- 1 x C555 L Head-worn Microphone
- 1 x CK99 L Lavalier Microphone
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery

WMS450

PROFESSIONAL WIRELESS MICROPHONE SYSTEM

MASTERS ANY CHALLENGE

for small live sound applications

WMS450 combines the advantages of the premium WMS4500 electronics with the user friendliness of an entry-level system. A wide range of professional antenna splitters, power supplies, and high quality remote antennas, are available to configure an absolute reliable wireless system, even with large covering areas. Setting up a high performance wireless system has never been so easy.

The integrated power management allow up to 7 hours of operation with one AA-size alkaline battery. A NiMH rechargeable battery can be charged while remaining within the transmitter, using the optional CU400.

All Products share these features:

- **Compatible with WMS4500 accessories**
for multichannel systems in critical environments
- **7 hours operation with one single battery**
Low operating costs using AA-size alkaline dry battery
- **AKG reference compander technology**
for superior sound
- **Auto setup and programmable warning functions**
for fail safe operation and quick overview on the systems status
- **Up to 32 simultaneous channels**
when combining several frequency bands



SR450

PROFESSIONAL WIRELESS STATIONARY RECEIVER

The SR450 analog space diversity receiver features an auto setup mode to dramatically reduce the setup time. The receiver scans the available bands, finds an interference-free channel and transmits the frequency data to the assigned transmitter via infrared. The rehearsal function easily finds weak spots on the stage, to avoid problems during the gig. The display backlight color changes to warn the user of critical conditions in any important system parameter.

A wide range of professional antenna splitters, power supplies and high-quality remote antennas is available to set up a reliable wireless system, even in a large area.

- **Road-proof half-rack metal housing**
including free rack mount kit
- **Pre-coordinated frequency presets**
for fast, easy setup of large multichannel systems
- **Environment scan and rehearsal functions**
for secure operation even in crowded radio frequency environments
- **Line and mic output**
1/4" jack and XLR connector
- **External antenna connectors**
connect splitters, remote antennas and long cable runs to a large multichannel system

Included accessories: RMU4000 Rack Mount Unit,
2 x BNC UHF Antennas



HT450

PROFESSIONAL WIRELESS HANDHELD TRANSMITTER

The HT450 is a compact handheld transmitter. It is available with either the well-balanced, powerful sound of the D5 dynamic microphone or the detailed clarity of the C5 condenser microphone. The unique dipole-antenna design ensures reliable transmission even when one pole of the antenna is covered completely by the user's hand. Its rugged body and the spring-steel wire-mesh cap withstand even the toughest performance.

An infrared data link in conjunction with an automatic frequency setup makes the HT450 uniquely simple to use. Its intelligent battery management allows use of either an alkaline battery or a NiMH rechargeable battery.

- **Ergonomically styled rugged body with anti-slip finish**
for confident and easy handling
- **D5 or C5 microphone element**
powerful sound or detailed clarity
- **Leading edge dipole antenna design**
optimum performance even when the antenna is covered
- **Infrared synchronization**
for instant transmitter setup
- **Up to 50mW transmission power**
maximum radio signal strength for long-distance applications

Included accessories: 1 x AA Battery, Standadapter



PT450

PROFESSIONAL WIRELESS BODY-PACK TRANSMITTER

The PT450 is an analog pocket transmitter in small, rugged housing. Its infrared data link, along with the automatic frequency setup, makes the PT450 simple to use. A noiseless on/off/mute switch, an optional RMS4000 external mute switch and the status LED add to the transmitter's user-friendliness. The battery management allows use of either an alkaline battery or a NiMH rechargeable battery.

A professional mini XLR audio connector makes the body-pack compatible with all kinds of guitars, basses, instrumental pickups and headsets.

- **Compact and rugged body-pack design**
for maximum wearing comfort
- **Professional mini XLR audio connector**
for safe, durable audio connection to microphone or instrument
- **Infrared synchronization**
for instant transmitter setup
- **Up to 50mW transmission power**
maximum radio signal strength for long-distance applications
- **Integrated charging contacts**
for fast charging of a standard NiMH battery inside the transmitter

Included accessories: 1 x AA Battery, BC400 Belt clip

WMS450 SETS



WMS450

VOCAL SET D5

High-performance multichannel wireless microphone system with time-saving Auto Setup mode and infrared synchronization. The included hand-held transmitter features a dynamic D5 capsule for well-balanced, powerful sound. The space diversity receiver offers both a microphone level and a line level output.

WMS450, Vocal Set D5 package includes:

- 1 x SR450 Receiver
- 1 x HT450 Hand-held Transmitter with D5 capsule
- 1 x Stand adapter, 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS450

VOCAL SET C5

High-performance multichannel wireless microphone system with time-saving Auto Setup mode and infrared synchronization. The included hand-held transmitter features a C5 condenser microphone capsule for clear and detailed voice reproduction. The space diversity receiver offers both a microphone level and a line level output.

WMS450, Vocal Set C5 package includes:

- 1 x SR450 Receiver
- 1 x HT450 Hand-held Transmitter with C5 capsule
- 1 x Stand adapter, 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS450

GUITAR SET

High-performance multichannel wireless microphone system with time-saving Auto Setup mode and infrared synchronization. The included bodypack transmitter comes in compact and rugged housing and provides a professional three-pin mini XLR connector. The space diversity receiver offers both a microphone level and a line level output.

WMS450, Guitar Set package includes:

- 1 x SR450 Receiver
- 1 x PT450 Body-pack Transmitter
- 1 x Instrument cable
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS450

HEAD-WORN SET

High-performance multichannel wireless microphone system with time-saving Auto Setup mode and infrared synchronization. The included bodypack transmitter comes in compact and rugged housing and provides a professional three-pin mini XLR connector. The enclosed C555 L condenser head-worn microphone offers a cardioid polar pattern and high intelligibility, even at high ambient noise levels. Its moisture shield ensures a high degree of humidity protection for the microphone.

WMS450, Head-worn Set package includes:

- 1 x SR450 Receiver
- 1 x PT450 Body-pack Transmitter
- 1 x C555 L Head-worn Microphone
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



WMS450

PRESENTER SET

High-performance multichannel wireless microphone system with time-saving Auto Setup mode and infrared synchronization. The included bodypack transmitter comes in compact and rugged housing and provides a professional three-pin mini XLR connector. The enclosed C407 condenser lavalier microphone offers an omnidirectional polar pattern and an open and natural sound across the full bandwidth.

WMS450, Presenter Set package includes:

- 1 x SR450 Receiver
- 1 x PT450 Body-pack Transmitter
- 1 x C407 L Lavalier Microphone
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery