



HT470 Professional Wireless Handheld Transmitter

Flexible and Expandable for conference, medium theater and houses of worship applications

The rugged HT470 is an analog professional wireless 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 identification 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



SR470 Professional Diversity Receiver

Flexible and Expandable for conference, medium theater and houses of worship applications

SR470 analog space diversity professional wireless receiver comes in a rugged half-rack metal housing. The enhanced Auto Setup, Environment Scan and Rehearsal mode allows a very quick and easy system setup. The programmable backlight changes 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** - or 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



CU400 Charger

- **Plug-in charging**
- **Two charging slots**
- **Gentle quick-charge mode**
- **Status display**

Any wireless microphone system depends on sufficiently charged batteries in all the transmitters. There is nothing more embarrassing than a transmitter running out of juice in the middle of the show, or a voice fading as the transmitter battery dies.

The CU 400 charging unit puts an end to this kind of hassle. It can charge two batteries simultaneously to full capacity within one hour, and there is no risk of overcharging the batteries.

And what's best, you can leave the batteries inside the transmitters. The transmitters and charger use integrated charging contacts so all you have to do is plug the transmitters into the CU 400 charging unit and remove them after charging.





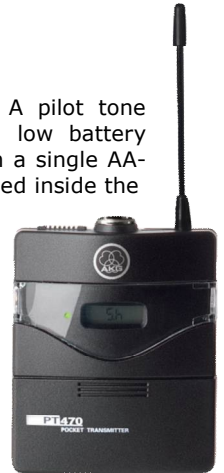
PT 470 Professional Wireless Bodypack Transmitter

Flexible and Expandable for conference, medium theater and houses of worship applications

The PT470 is an analog professional wireless 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



Lavalier and head-worn microphones

For lavalier and headset applications, you have a choice of broadcast/concert proven AKG models with a range of pickup patterns, size and other features.

HC 577 C 520/C 520 L C 555 L

Headworn microphone
[->Details](#)



Head-worn microphone with continuously adjustable behind-the-neck headband
[->Details](#)



Head-worn microphone with continuously adjustable behind-the-neck headband
[->Details](#)



CK 55 L
Inconspicuous clip-on microphone
[->Details](#)



CK 77 WR/C 577 WR
Moisture resistant lavalier microphone
[->Details](#)



C 417
Extremely light, inconspicuous lavalier microphone
[->Details](#)





System components for multichannel systems



SRA 2 B/W

Active wideband directional antenna

- For indoor or outdoor use, specifically, for setting up radio links for distances up to 300 m (1000 feet)
- Integrated high-performance antenna booster for use with antenna cables up to 200 m (655 feet) long (RG 213, in conjunction with 2 x AB 4000)
- Remote powering option
- Water-resistant case, BNC output Status LED

Carrier frequency range: 500 to 865 MHz

Coverage angle: 70°

Total gain (antenna + internal amplifier): 21,5 dB

Dimensions: 230 x 240 x 26 mm

Weight: 250 g

SRA 2 W

Passive wideband directional antenna

- For indoor and outdoor use, preferred-direction coverage
- Water-resistant, rugged case with BNC

Carrier frequency range: 500 to 865 MHz

Total gain: 4 dB

Coverage angle: 70°

Dimensions: 230 x 240 x 26 mm

Weight: 250 g



RA 4000 B/W

Active omnidirectional wideband antenna

For indoor or outdoor use, specifically, for near-field antenna setups with no preferred direction

- Integrated high-performance antenna booster for use with antenna cables
- Remote powering option
- Rugged, water-resistant case, BNC output
- Status LED

Carrier frequency range: 500 to 865 MHz

Total gain (antenna + internal amplifier): 17dB

RF input: 1 BNC socket, 50 ohms

RF output: 1 BNC socket, 50 ohms

Operating voltage: 8 V DC from PS 4000 W or

ASU 4000 via connecting cable

Dimensions: 235 x 38.5 mm

Weight: 65 g

RA 4000 W

Passive wideband omnidirectional antenna

- For indoor and outdoor use, coverage with no preferred direction
- Water-resistant, rugged



ASU 4000

- BNC input and output
- Locking DC input
- Status LED
- Water-resistant case

Remote power supply for complex antenna networks

Carrier frequency range: 500 to 865 MHz

RF input: 1 BNC socket, 50 ohms

RF output: 1 BNC socket, 50 ohms

Operating voltage: 12 VDC

Dimensions: 78 x 50 x 50 mm

Weight: 150 g

AB 4000

- BNC input and output
- Status LED
- Water-resistant case

High-performance antenna booster for inserting into long antenna cables. One AB 4000 can compensate for approx. 17 dB of cable attenuation, allowing RG 213 cable runs to be extended by approx. 75 m (250 feet). Up to two AB 4000 boosters can be used in series for extremely long cable runs.

Carrier frequency range: 500 to 865 MHz

Gain: approx. 17 to 3.5 dB, selectable

RF input: 1 BNC socket, 50 ohms

RF output: 1 BNC socket, 50 ohms

Operating voltage: 8 VDC from PS 4000 W or

ASU 4000 via antenna cable

Dimensions: 110 x 35 mm

Weight: 150 g

PSU 4000



Central power supply for powering up to 12 SR 4000 or SR 450 receivers plus antennas via three PS 4000 W antenna splitters, or three CU 4000 chargers. Also powers the HPA 4000 headphone amplifier and HUB 4000 Q network concentrator

PS 4000 W



- Multi-coupler splitter with all-metal case for SR 4500, SR 450, SR 470 and DSR 700 receivers
- 365 MHz bandwidth for use with all WMS 4500, WMS 450, WMS 470 and DMS 700 channels
- Adjustable cable attenuation compensation
- 2 BNC antenna inputs, 4 diversity output pairs on 8 BNC sockets
- Expansion outputs for daisy-chaining antenna splitters for more than 50 receivers

One or several PS 4000 W multi-couplers can be used to set up complex systems with long antenna cables, distributed antenna networks for room sharing applications, or to feed the signal from a single antenna pair to several receivers.

HUB 4000 Q



HiQnet® ethernet interface for connecting up to eight AKG devices to a HiQnet® network. Monitoring and controlling of a wireless system with the System Architect™ and the AKG Wireless iPhone App

Integration into any HiQnet® system

The HUB 4000 Q enables you to connect up to eight AKG wireless devices to a HiQnet® network. The HUB 4000 Q is connected to the HiQnet® network over ethernet (10 Mbit half duplex) and lets the user control and set up the AKG wireless system from Harman System Architect™ or the AKG Wireless iPhone App.

Total Electronic Contracting

• Sales • Installation • Hire • Service •

605 Lower North East Road, Campbelltown SA 5074

Ph.: 8365 0377 Fax.: 8365 0677 Email: tec@tecsa.com.au