

RELACART Set 1x WAM-400 and 4x UD-200 System

Digital conference system, 4-channel mixer and 4 UHF mics, 823-832 + 863-865 MHz

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GTIN:



Description:

The WAM-400 is a wireless, DSP-based conference system that subtly and automatically carries out a number of functions in the background. Thus, it is also suitable for environments without present technical personnel such as video conferencing, large meetings or public sessions. Voice signals are detected intelligently, feedback and background noise thus successfully prevented. The WAM-400 is very flexible thanks to numerous accessories

Logistic

Features:

- Up to 5 units can be linked for operation with 20 wireless microphones, link cables included
 - Rack installation, 1 U
 - <p>RELACART WAM-400 4CH Digital UHF Automatic Mixer
- Digital UHF automatic mixer with DSP for up to 4 microphones**
- 4 digital input channels for matching wireless microphones, e.g. UB-200 and UD-200
 - 2 license-free frequency ranges: 823-832 MHz (Duplex Gap) and 863-865 MHz
 - Infrared interface for easy and error-free channel transfer to transmitters via infrared signal
 - Precise and noise-free microphone selection that automatically adjusts to changes in background room noise
 - Eliminates acoustic feedback and background noise
 - Automatic mixing technology activates only those microphones being addressed
 - Number of open microphones adjustable
 - Control algorithm adjusts gain automatically
 - Auto mixing parameters adjustable
 - 2 units can be linked for operation with 8 wireless microphones, link cables included
 - User-friendly menu operation via LCD
 - Last used microphone stays activated (switchable)
 - Adjustable priority circuit for each microphone

- Automatic frequency scan (AFS) finds interface-free channels
- Lock function avoids accidental changing of settings
- Inputs e.g. for multimedia applications from PC, laptop, MP3 players
- Balanced and unbalanced outputs for PA or recording applications
- Two removable antennas (BNC connection)
- License-free and approved in large parts of the EU (please check Duplex Gap on a country-by-country basis)
- Digital signal processor
- Operating range up to 60m
- UHF 863 - 865 MHz License-free and approved in Europe
- UHF 823 - 832 MHz License-free and approved in large parts of Europe
- The device can be connected via RS 232 to the PC
- (19") 48.3 cm rack installation 1 U
- <p>RELACART UD-200 UHF-Gooseneck Microphone
- **UHF gooseneck microphone with PLL multifrequency transmitter**
- Gooseneck microphone with UHF pilot tone technology (PLL)
- 2 license-free frequency ranges: 823-832 MHz (Duplex Gap) and 863-865 MHz
- Parallel operation of up to 9 transmitters is possible without any interference
- Suitable for the WAM-400 automatic mixer
- Infrared interface for easy and error-free synchronization with the receiver via infrared signal
- LCD for battery status, frequency and channel
- Mute function
- Durable metal diecast housing
- Operation via 2 x 1.5 V batteries (type AA), not included
- License-free and approved in large parts of the EU (please check Duplex Gap on a country-by-country basis)
- Polar pattern: Cardioid
- Operating range up to 60m with line-of-sight
- UHF 863 - 865 MHz License-free and approved in Europe
- UHF 823 - 832 MHz License-free and approved in large parts of Europe

Technical specifications:

Weight: 6.39 kg

RELACART WAM-400 4CH Digital UHF Automatic Mixer

Type:	Mixer
Power supply:	100-240 V AC, 50/60 Hz 12V DC 1000 mA
Power consumption:	7.5 W
Power connection:	Mains input via coaxial power connector (M) mounting version power supply cord with AC adapter (provided)
Number of channels:	4
Frequency range:	65 - 16000 Hz
S/N ratio:	>100 dB
DSP:	Digital signal processor
Range:	Range up to 60m
Frequency band:	UHF 863 - 865 MHz; UHF 823 - 832 MHz
Diversity:	True diversity
Switching bandwidth:	11 MHz
Frequency stability:	± 0.001 %

Modulation:	FM
Frequency selection:	90 switchable frequencies In 10 groups with up to 10 preset frequencies each
Connections:	Antenna via 2 x BNC (F) 8 V Output: line via 1 x 3-pin XLR Output: line via 1 x 6.3 mm plug (unbal.) Output: line via 1 x stereo RCA Input: line via 1 x stereo RCA Link: 2 x Mini DIN 4-pin (W) mounting version Link: 2 x DB-9 (F) mounting version
Switch:	On/off switch
Material:	Metal
PC connect:	Via RS 232
Housing design:	(19") 48.3 cm rack installation 1 U
Dimensions:	Width: 48.3 cm Depth: 24.5 cm Height: 4.45 cm
Weight:	2.88 kg

RELACART UD-200 UHF-Gooseneck Microphone

Type:	Gooseneck microphone
Power supply:	3V DC
Power connection:	Battery/battery pack
Capsule type:	Electret
Polar pattern:	Cardioid
Battery:	2 x 1.5 V AA Mignon R06 zinc carbon included
Frequency range:	50 - 17000 Hz
Range:	Range up to 60m with line-of-sight
Frequency band:	UHF 863 - 865 MHz; UHF 823 - 832 MHz
Switching bandwidth:	11 MHz
Frequency stability:	± 0.0005 %
RF power output:	10 mW
Modulation:	FM
Frequency selection:	Switchable frequencies
Switch:	On/off switch
Material:	Metal
Color:	Black
Dimensions:	Width: 11.5 cm Depth: 14 cm Height: 45.5 cm
Weight:	0.88 kg

Scope of delivery:

1 x microphone

<p>1 x RELACART WAM-400 4CH Digital UHF Automatic Mixer</p>1 x receiver

1 x external mains adapter

2 x antenna
1 x jack cable
1 x XLR cable
1 x BNC cable
1 x user manual
1 x declaration of conformity

<p>4 x RELACART UD-200 UHF-Gooseneck Microphone</p>1 x microphone
1 x declaration of conformity
1 x battery