

## RELACART HR-31S 1-channel True Diversity Receiver

True diversity wireless receiver with PC control

Art. No.: 13055200

GTIN: 4026397537000



### Description:

The HR-31S is a premium true diversity system in the UHF spectrum that can fully exploit its strengths, in particular in connection with the RWW software. The transmission takes place either in the professional switchable band 731-790 MHz or in the license-free range 823-832 MHz. The other features also convince: quick setup via infrared and an exceptionally long service life of the transmitter from up to 15 hours on just one set of batteries.

### Logistic

EAN / GTIN: 4026397537000

Weight: 2,35 kg

Length: 0.40 m

Width: 0.31 m

Height: 0.07 m

### Features:

- Multifrequency wireless receiver with high-quality true diversity reception
- Real-time monitoring and data management using RWW PC software
- 731-790 MHz (requires license in Germany) is lockable and offers 244 fixed frequencies (10 frequency banks with up to 25 frequencies each)
- 823-832 MHz (license-free in Germany) offers 48 fixed frequencies (8 frequency banks with up to 7 frequencies each)
- 292 frequencies manually adjustable in steps of 25 kHz within 68 MHz switching bandwidth
- Pilot frequency squelch technology delete wireless RF interference
- Automatic frequency scan (AFS) finds interference-free channels
- Easy and error-free synchronization between receiver and transmitter via infrared signal
- Serial RS-485 interface for connecting a computer with the optional USB/RS-485 converter U485
- Up to 32 units can be linked with network cables
- Lock function for prevents undesired changes to settings
- 2 detachable BNC antennas allow for use with the R-14D antenna divider
- (19") 48.3 cm rack installation possible 1 U
- Operating range up to 80m with line-of-sight

- UHF 823 - 832 MHz License-free and approved in large parts of Europe
- UHF 731 - 790 MHz License-free and approved in large parts of Europe
- Up to 12 transmitters can be operated in parallel without interference
- Multicolor LCD display
- Charge status indicator
- The device can be connected via RJ14 (F) mounting version to the PC in connection with RELACART RWW software and the dongle (optional)
- Desktop console housing

## Technical specifications:

Type:	Receiver
Power supply:	100-240 V AC, 50/60 Hz 12V DC
Power consumption:	3.8 W
Power connection:	Mains input via coaxial power connector (M) mounting version power supply cord with AC adapter (provided)
Number of channels:	1
Frequency range:	45 - 18000 Hz
S/N ratio:	>108 dB
THD:	<0.6 % at 1 kHz
Range:	Range up to 80m with line-of-sight
Frequency band:	UHF 823 - 832 MHz; UHF 731 - 790 MHz
Diversity:	True diversity
Switching bandwidth:	68 MHz
Frequency stability:	± 0.005 %
Parallel mode:	Max. 12 transmitter
Modulation:	FM
Frequency selection:	292 switchable frequencies In 10 groups with up to 25 preset frequencies each and In 8 groups with up to 7 preset frequencies each
Display type:	Multicolor LCD display
Display:	Charge status indicator , antenna A/B , RF signal level , AF audio level; frequency , channel , Mute
Control elements:	Menu, navigation keys, groundlift selector
Connections:	Antenna via 2 x BNC (F) 8 V Output: line via 1 x 3-pin XLR (M) mounting version Output: line via 1 x 6.3 mm jack socket (stereo) mounting version Link: 2 x RJ14 (F) mounting version
Switch:	On/off switch
Material:	Metal
Color:	Black
PC connect:	RELACART RWW software with dongle (optional) via RJ14 (F) mounting version
Housing design:	Desktop console housing (19") 48.3 cm rack installation possible 1 U
Dimensions:	Width: 20 cm

Depth: 26 cm  
Height: 4.3 cm

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Weight: 2.05 kg

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**Scope of delivery:**

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1 x device  
2 x antenna  
1 x external mains adapter  
1 x jack cable  
1 x user manual  
1 x declaration of conformity  
1 x bag  
3 x mounting bracket  
10 x screw