

Univox® Digi RS

Digital wireless communication system



Features

- Wireless body pack transmitters and receivers with rechargeable batteries (1 AA NiMH, 2100 mAh)
- Frequency range 821-832 and 863-865 MHz
- Lightweight, only 70 grams incl. battery
- Range up to 100 m (line-of-sight)
- LCD display for channel and battery status (lights up when channel is changed)
- 32 channels
- Smart channel synchronization
- Power saving mode
- OLED display (Digi RS-ST)
- Bluetooth (Digi RS-ST)
- XLR/6.3 mm combo jack (Digi RS-ST)
- Fully charged NiMH battery provides up to 15 hours of use
- Compatible charger and transport case available (accessory)
- Neckloop (accessory) to be used with compatible hearing aid

Great speech intelligibility for hearing aid users

Univox Digi RS is a powerful, small form factor and easy to use FM system for people with, or without hearing impairment. The lightweight bodypack transmitters and receivers Digi RS-T and Digi RS-R deliver high quality audio up to 50 m with a clear line of sight. The bodypack units only weigh 70 grams incl. battery and are ideal to be worn on guided tours or anywhere information is conveyed while on the move.

Fully charged, the bodypack units deliver up to 15 hours of usage with the possibility to replace the rechargeable batteries with standard batteries.

The system can also be used with stationary transmitter Digi RS-ST if used in a fixed location. Several Digi RS-ST units can be daisy-chained to cover a larger area. When used with Digi RS-ST, the range to increases up to 100 m with line of sight.

Use the system with headset microphones, lavalier microphones, an external line audio signal connected to either the pocket transmitter (3.5 mm) or the stationary transmitter (XLR/6.3 mm/RCA), where XLR and RCA levels can be set individually. Digi RS-ST also has Bluetooth connection capabilities.

A 5-unit charging station is available as well as a 48 slot carry-bag.

Univox®Digi RS

Technical data

	Digi RS-T	Digi RS-R	Digi RS-ST
Frequency range	821-832 and 863-865 MHz	821-832 and 863-865 MHz	821-832 and 863-865 MHz
Channels	32 selectable	32 selectable	32 selectable
Modulation	4 GFSK	4 GFSK	4 GFSK
Latency	< 5 ms	< 5 ms	< 5 ms
Audio process	Companding	Companding	Companding
Dynamic range	> 70 dB	> 70 dB	> 70 dB
SNR (Signal to Noise Ratio)	> 65 dB	> 65 dB	> 65 dB
T.H.D. (Total Harmonic Distortion)	< 3%	< 3%	< 3%
Channel positioning	Yes	Yes	Yes
Range	up to 50 m (line-of-sight)	50/100 m	up to 100 m
Temperature	-10°C ~ + 60°C	-10°C ~ + 60°C	-10°C ~ + 60°C
Output	10 mW	-	3.5 W @32 Ohm
Audio input	3.5 mm	-	Mic in: 6.3 mm/XLR, 17 mVrms-2 Vrms
	-	-	Aux in: RCA, 700 mV
	-	-	Bluetooth
Audio output	-	3.5 mm	3.5 mm/RCA
Antenna	Fixed	Fixed	TNC connector
Power	1x 1.2 V 2100 mA Ni-MH AA or 1x 1.5 V alkaline AA battery		100 ~ 240 VAC/12 VDC; 1 A PSU
Battery life	> 15 hours	> 15 hours	
Charging	Approx. 8 hours	Approx. 8 hours	
Size (DxWxH) mm	24 x 40 x 100	24 x 40 x 100	215 x 210 x 50
Weight	70 g (incl. battery)	70 g (incl. battery)	1,250 g
Part no	550021	550010	550020

Accessories

Part no	Description
550010	Digi RS-R Bodypack receiver
550020	Digi RS-ST Stationary transmitter
550021	Digi RS-T Bodypack transmitter
550055	Digi RS-CHG5 Charging station
283101	NL-90 Neckloop
230903	EM-201 Stereo headphones
581045	HM-35A Headset microphone
581050	LM-90 Tie clip microphone
174103	AA/LR6, 1.2 V, 2100 mAh Ni-MH battery
550037	Digi RS spare lanyard

For complete manual, please refer to univox.eu

