

Univox[®] Digi RS-T

Digital wireless bodypack transmitter



Features

- Wireless body pack transmitters, with rechargeable batteries (1 AA NiMH, 2100 mAh)
- Frequency range 821-832 and 863-865 MHz
- Light weight, only 70 gram incl. battery
- Range up to 50 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
- Fully charged NiMH battery provides up to 15 hours of use
- Transmitter includes lapel microphone and belt clip
- Charger station for 5 units (accessory)
- Compatible charger and transport case for 2, 15, 25 or 42 units (accessory)
- HM-35A headset microphone (accessory)

Great speech intelligibility for hearing aid users

Univox Digi RS-T digital bodypack transmitter is part of the Univox Digi RS (Radio System) which is an easy-to-use FM system adapted for people with hearing impairment. The Digi RS system also consists of bodypack receivers and stationary transmitter, delivering wireless high quality audio to ensure accessibility also to people with hearing impairment.

The bodypack transmitters and receivers weigh only 70 grams incl. battery. Fully charged they deliver up to 15 hours of usage and it's possible to replace the rechargeable batteries with standard batteries. 5-unit charging station is included in the system.



Univox®Digi RS-T

Technical data

Body pack receiver Digi RS-R

Frequency range	821-832 and 863-865 (programmable, full spectrum 510~937MHz, country dependent)
Channels	32 selectable
Modulation	4 GFSK
Latency	< 5ms
Audio process	Compander
Dynamic range	> 70dB
SNR (Signal to Noise Ratio)	> 65dB
T.H.D. (Total Harmonic Distortion)	< 3%
Channel positioning	Yes
Operation range	up to 50m (line-of-sight)
Temperature	-10°C ~ + 60°C
Output	10 mW
Audio input	3,5 mm
Batteries	1 x 1.2V 2100mA Ni-MH AA rechargeable battery or 1 X 1.5V alkaline AA battery
Battery life	> 15 hours
Charging	Approx. 8 hours
Size (DxWxH)	24x40x100mm (with antenna)
Weight	70g (incl. battery)
Part no	550021

System component

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
581045	HM-35A Headset microphone
174103	AA/LR6 Battery, rechargeable

For complete manual, please refer to univox.eu.





Univox[®] Digi RS-R

Digital wireless receiver for assistive listening

Features

- Wireless body pack transmitters and receivers, with rechargeable batteries (1 AA NiMH, 2100 mAh)
- Light weight, only 70 gram incl. battery
- Range (line-of-sight) up to 50 m /100 m depending on transmitter
- Adapted for use with neckloop for hearing aid users (accessory)
- LCD display for channel and battery status (lights up when channel is changed)
- Smart channel synchronization
- Power saving mode
- Fully charged NiMH battery provides up to 15 hours of use
- 32 channels
- Frequency range 821-832 and 863-865 MHz
- Receiver includes single-sided ear-phone and neck strap
- 3.5mm output for headphones/ earphone/neckloop
- Charger station for 5 units (accessory)
- Compatible charger and transport case for 2, 15, 25 or 42 units (accessory)

Great speech intelligibility for hearing aid users

Univox Digi RS-R is a digital bodypack receiver that can be used with assistive listening neckloop as well as headphones.

Digi RS-R is a part of the Univox Digi RS (Radio System) which is an easy-to-use FM system adapted for people with hearing impairment. The Digi RS system also consists of stationary and bodypack transmitters, delivering wireless high quality audio to ensure accessibility also to people with hearing impairment.

The bodypack transmitters and receivers weigh only 70 grams incl. battery. Fully charged they deliver up to 15 hours of usage and it's possible to replace the rechargeable batteries with standard batteries.



Univox®Digi RS-R

Technical data

Body pack receiver Digi RS-R

Frequency range	821-832 and 863-865MHz (programmable, full spectrum 510~937MHz, country dependent)
Channels	32 selectable
Modulation	4 GFSK
Latency	< 5ms
Audio process	Compander
Dynamic range	> 70dB
SNR (Signal to Noise Ratio)	> 65dB
T.H.D. (Total Harmonic Distortion)	< 3%
Channel positioning	Yes
Operation range	up to 50m (line-of-sight) with pocket transmitter; up to 100m (line-of-sight) with stationary transmitter
Temperature	-10°C ~ + 60°C
Sensitivity	-110dBm
Output	3,5mm jack
Batteries	1 x 1.2V 2100mA Ni-MH AA rechargeable battery or 1 X 1.5V alkaline AA battery
Battery life	> 15 hours
Charging	Approx. 8 hours
Size (DxWxH)	24x40x100mm (with antenna)
Weight	70g (incl. battery)
Part no	550010

System component

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
581045	HM-35A, Headsetmikrofon till ficksändare
174103	AA/LR6 Battery, rechargeable

For complete manual, please refer to univox.eu.





Univox[®] Digi RS-ST

Digital stationary transmitter

Features

- 821-832 and 863-865MHz
- Range up to 100m open field
- 32 channels
- OLED display
- Smart channel synchronization
- To be used with Digi RS receivers and headphones/earphones or neckloop for hearing aid users
- Bluetooth
- 3.5mm output for headphones/headset/neckloop
- 6.3mm/XLR input for microphone
- AUX (RCA) in- and outputs

Wireless audio for seminars and interpretations

Univox Digi RS-ST stationary transmitter is used where you have an audio source that you want to transfer wirelessly to receivers with headphones or neckloop.

Digi RS is suitable for a variety of applications, such as teaching, seminars, meetings, simultaneous interpretation, product demonstrations, talks, sermons, workout etc.

The basic model for Digi RS stationary transmitter comes with frequencies 821 - 832 and 863 - 865MHz, but it is also available in other frequency ranges for use both in and out of the EU.

Digi RS-ST is part of the Univox Digi RS (Radio System) which is an easy-to-use FM system adapted for people with hearing impairment. The system also consists of bodypack transmitters and receivers, which deliver a wireless and clear audio of the highest quality that ensures accessibility for people with hearing impairment.



Digi RS Stationary transmitter

Technical data

Carrier frequency range	821-832 and 863-865 (programmable, full spectrum 510-937MHz, country dependent)	
Channels	32	
RF output power	Hi: 20 ± 2dBm	
(country dependent)	Mid: 15 ± 2dBm	
	Lo: 10 ± 2dBm	
Antenna	TNC connector	
Headphone output	0.5W@32Ω	
Inputs	Mic in: 6.3mm /XLR	Sensitivity: 17 mVrms–2 Vrms
	Aux in: RCA	Sensitivity: 700mV
	Daisy chain connection: 6.3mm	
Outputs	Earmic out: 3.5mm, stereo	
	Aux out: RCA	
	Daisy chain connection: 6.3mm	
Wireless range	>100m (open field, low output power)	
Power requirements	100 ~ 240VAC/12VDC; 1A switching power supply	
Dimensions	(LxWxH) 215 x 210 x 50mm	
Weight	1.25kg	
Part no	550020	

System component

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 for 5 units
581045	HM-35A Headset microphone
283101	NL-90 Neckloop
174103	AA/LR6 Battery, rechargeable NiMH, 1.2V, 2100mAh



For complete manual, please refer to univox.eu.

