



- The DAL-1000 audio link is a stereo audio point-point link.
- Designed and manufactured by WAVENET, it has been created to **make easier the connection from one point to other one fast and nimble way**. It is no required administrative process, considering that it works in ISM* bands.
- This system is perfect for replacement of point-point links from studios to broadcasting centers without obtaining administrative license.
- Just with 100 mW power output, it is able to connect distances up to 25-30 km, transmitting and receiving L and R in broadcast quality.

Simplicity both in use and installation, adding to working in ISM* bands, make of this equipment a nimble, versatile and non-complexity solution.

DAL 1000

POINT-TO-POINT DIGITAL AUDIO LINK IN ISM* BANDS (EUROPE, AMERICA AND ASIA AVAILABLE)

TECHNICAL SPECIFICATIONS:

Radio

Frequency:	860 MHz – 915 MHz ... ISM* bands
Selectable channels	10
Modulation:	FDMW1
Error correction:	REED – SOLOMON FEC
Synthesizer resolution:	4,7 Hz
Spurious emissions:	Complying with the ETSI specifications ETS 300 454
Data rate:	400 kbps
Adjacent channel reject:	60 dB
Locking:	75 dB with 1 MHz
Nominal and peak deviation:	250 KHz
Output power:	100m" (other under demand up to 1W)
Output/Input impedance:	50 Ω
Rx Sensitivity:	-100 dBm for packet error rate <5*10A
Complying with:	ETSI, FCC and ARIB

Audio

Audio Output/Input:	Line 600 Ω L/R balanced
Audio bandwidth:	20 Hz / 20 KHz
Distorsion:	<0,3%
Coding:	WAC 256 kbps
Sampling frequency:	48 KHz
SNR:	>85 dB
Audio output level:	+10 dBm max

General

Input power connector:	XLR4, male
Power on switch	
Channel selector	
Power:	12 VDC, 200mA
Audio monitor:	On front panel
Stereo Jack ¼"	
Audio connector Tx:	XLR3 female
Audio connector Rx:	XLR3 male
Aluminum box	
Dimensions (unit):	300 x 145 x 40 mm (1/3 rack)
Weight (unit):	700 g
Tx indications:	Power on, Status, Peak L&R
Rx indications:	Power on, Status, RSSI, Peak L&R

Specifications subject changes without notice.