

RDS & AUDIO EQUIPMENTS

AUD - RDS

MODELS

AUD2P1 AUD2MP1
TRDS4002LUXOR-D

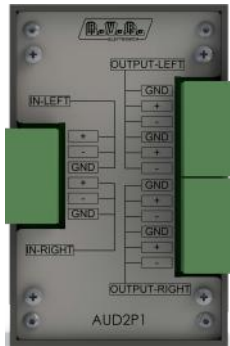


Designed to be the army knife in a transmission site when the audio has to be delivered, splitted, converted in different ways, the R.V.R. distribution's systems are studied to feed multiple destinations handling stereo, mono, MPX, AES/EBU, S/P-DIF and Toslink sources.

ORDERING INFORMATION	
Model	Description
AUD2P1	The audio splitter system allows you to split the audio signal in input and redistribute it on multiple outputs.
AUD2MP1	The audio splitter system allows you to split the audio signal in input and redistribute it on multiple outputs.
OPTION	
AUD2MP1/V1	2-Way passive audio distriution system for MPX/DIGITAL/L&R signals.
AUD2MP1/V2	2-Way passive audio distriution system for MPX+RDS/DIGITAL/L&R signals.
AUD2MP1/V3	2-Way passive audio distriution system for MPX+RDS+SCA1/DIGITAL/L&R signals.
AUD2MP1/V4	2-Way passive audio distriution system for MPX+RDS+SCA1-2/DIGITAL/L&R signals.

ORDERING INFORMATION	
Model	Description
TRDS4002-LUXOR-D	Advanced Radio Data System dynamical encoder with SNMP V 2 control.





AUD2P1

Accessory - Audio Distributor System.



AUD2MP1

Accessory - Audio Distributor System.



TRDS-4002-LUXOR-D

RDS.



AUD2P1

Parameters			Value	Notes
GENERALS				
Operation temperature			From -10 °C to + 50 °C	
Operation humidity		%	95	Without condensing
MECHANICAL DIMENSIONS				
Physical dimensions	L x H x W	mm	70	
Overall dimensions	L x H x W	mm	72	
Weight		kg	About 0,5	
AUDIO INPUTS				
Left & Right	Connector		Terminal Block	
	Impedance		600 Ω	
OUTPUTS				
Left & Right	Connector		2x Terminal Block	
	Channels loss		8 db @ 10 kΩ Load	
	Bandwidth		From DC to 20 kHz	

AUD2MP1

Parameters			Value	Notes
GENERALS				
Operating temperature		°C	From -10 to +50	
Operating humidity		%	95% non condensing	
MECHANICAL DIMENSIONS				
Physical dimensions	L x H x W	mm / inch	483 / 19	EIA rack
		mm / inch	44 / 3 1/2	1HE
Weight		kg	About 2	
AUDIO INPUTS				
Left & Right	Connector		XLR (female)	
	Impedance	Ohm	600 (10k on request)	Balanced
	Channels loss	dBm	6	
	Bandwidth	Hz	From DC to 20k	
MPX	Connector		BNC	
RDS	Impedance	Ohm	10k	Unbalanced
SCA1	Channels loss	dBm	6	
SCA2	Bandwidth	Hz	From DC to 100k	
AES/EBU	Connector		XLR (female)	
	Impedance	Ohm	110	Balanced
OUTPUTS				
Left & Right	Connector		2 x XLR (male)	
	Impedance	Ohm	600 (10k on request)	Balanced
	Channels loss	dBm	6	
	Bandwidth	Hz	From DC to 20k	
MPX	Connector		2 x BNC	
RDS	Impedance	Ohm	10k	Unbalanced
SCA1	Channels loss	dBm	6	
SCA2	Bandwidth	Hz	From DC to 100k	
AES/EBU	Connector		2 x XLR (male)	
	Impedance	Ohm	110	Balanced
	Insert loss	dB	6	

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.

TRDS4002-LUXOR-D

Parameters			Value	Notes
GENERALS				
Operating temperature			From -10 °C to +50 °C	
Operating humidity		%	95	Without condensing
A/D & D/A conversion			24 bit	
DSP Elaboration			32 bit, fixed point	
EN50067			PTY, PTYN, TA, TP, MS, DI, PI, PS, AF, PIN, EON, RT, TDC, IMC, EWS, IH, CT	
Command formats			UECP – SPB490 Ver.6.1 / 2003	
RDS function			57 kHz carrier attenuation	(Internal/external reference)
57 kHz carrier attenuation		dB	Ø 75	
Phase 57 kHz			Adjustable up to 360° in 0,33° increments	
Out of band emission		dB	Ø 100	
POWER REQUIREMENTS				
AC Power input			115 /230 VAC ± 10%	
Connector		W	VDE IEC Standard	
MECHANICAL DIMENSIONS				
Overall dimensions		L x H x W	mm / inch	483
			mm / inch	44 / 3 1/2
Weight			kg	About 3,5
AUDIO INPUTS				
MPX		Connector	BNC	
		Impedance	10	
		Input level	Gain 0dB / Max. +20 dBu	
PILOT		Connector	BNC	
		Impedance	10	
		Input level	Gain 0dB / Max. +20 dBu	
OUTPUTS				
1&2		Connector	BNC	
		Impedance	50	
		Output level	+20	
			Adjustable via software	
CONNECTORS				
RS232 Serial port		Connector	3x DB9 (female)	
		Connection rate	From 1200 to 115200 baud 8, N, 1	
Remote Input		Connector	DB25 (male): 8 input + 8 output (optional)	
Ethernet		Connector	RJ45 (female) WEB & SNMP v.1.0 (optional) SNMP V2.C (TRDSP-4002-LUXOR-D)	
WEB Server			Built in for TRDS4002-LUXOR-D	

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