



R&R RR-P-463 Audio-Converter model 1 and 2

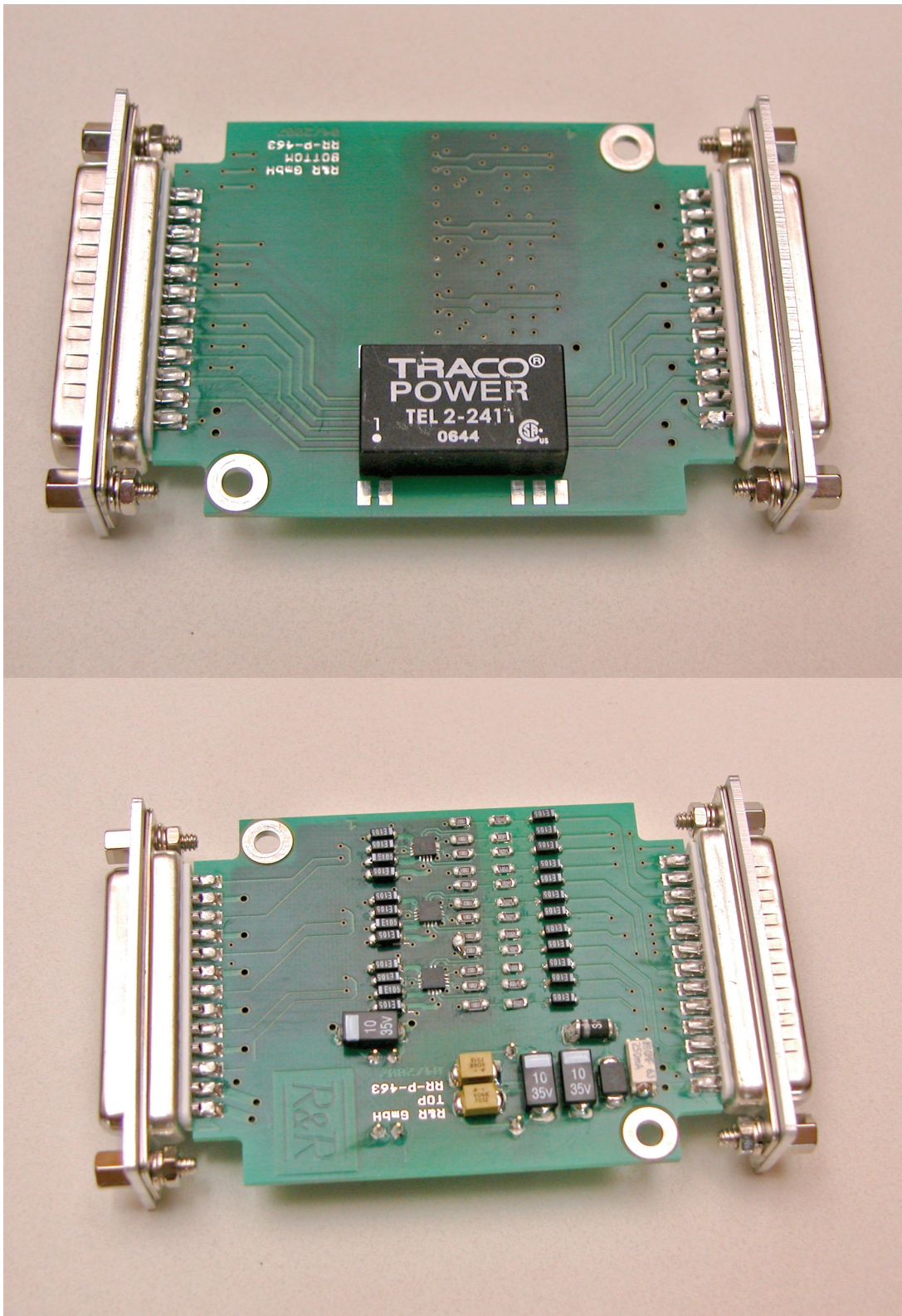
housing	aluminium anodized
W x H x D	57 x 82,6 x 20,6 mm
weight	0,1 kg
Input	3 channel differential input
Output	3 channel headphone level
power supply	28 V DC
certificate of conformity	DNR 16866
Zoll	Elektrischer Tonfrequenzverstärker – andere (mehrkanalig) Waren-Nr.: 85184089

RR-P-463 Audio-Converter

Sub D 25 pole Male			
		1	+ 28V DC
AUDIO-3 INPUT L-	14	2	GND
WIRE-1	15	3	AUDIO-1 INPUT R+
WIRE-2	16	4	AUDIO-1 INPUT R-
WIRE-3	17	5	AUDIO-1 INPUT L+
WIRE-4	18	6	AUDIO-1 INPUT L-
WIRE-5	19	7	AUDIO-2 INPUT R+
WIRE-6	20	8	AUDIO-2 INPUT R-
WIRE-7	21	9	AUDIO-2 INPUT L+
WIRE-8	22	10	AUDIO-2 INPUT L-
	23	11	AUDIO-3 INPUT R+
	24	12	AUDIO-3 INPUT R-
	25	13	AUDIO-3 INPUT L+

Sub D 25 pole Female			
		1	+ 28V DC
GND	14	2	GND
WIRE-1	15	3	AUDIO-1 OUT R
WIRE-2	16	4	GND
WIRE-3	17	5	AUDIO-1 OUT L
WIRE-4	18	6	GND
WIRE-5	19	7	AUDIO-2 OUT R
WIRE-6	20	8	GND
WIRE-7	21	9	AUDIO-2 OUT L
WIRE-8	22	10	GND
	23	11	AUDIO 3 OUT R
	24	12	GND
	25	13	AUDIO-3 OUT L

PCB RR-P-463



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appendix

technical data	
supply voltage	nominal 28V DC, min. 18V, max. 34V
maximum power consumption	2W
number of channels	3 x stereo (6 channels)
input type	ac coupled differential input
output type	headphone output stage, dc-coupled optimized for 32Ω head phones
voltage amplification	2
maximum output voltage / power	2V RMS @ 32Ω → 125mW = 1/8 Watt per channel all channel simultaneous
common mode rejection @input voltage < 4V _{pp} f=1kHz	minimum 30dB typical 40dB (resistors 1% tolerance)
input common mode	4V _{pp}
lower cut-off frequency -3dB (input is ac-coupled)	33Hz
upper cut-off frequency -3dB	> 20KHz

COC see document DNR 16866