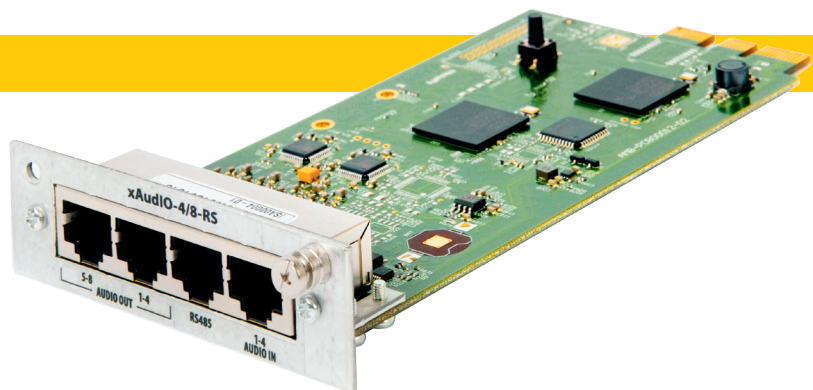


ABT-xAudio-4/8-RS

EN 54-16
4 audio input / 8 audio output card


1488-CPR-0500/W



This audio input/output card is destined for a function slot of ABT-CU-8LCD. It offers 4 line audio inputs via an RJ45 connector as well as 8 symmetrical outputs via an RJ45

connector for leading out audio signals to the external devices or amplifiers of the MULTIVES system. The card is also equipped with an RS485 interface with the

help of which the MULTIVES system can be controlled or integrated with devices offered by other producers.

ABT-xAudio-4/8-RS	
Power supply	Internal from the Control Unit backplane
Power consumption	430 mA for 5 V
Audio input	
Number of audio inputs	4
Type of audio inputs	differential
Connector type	1x RJ45
Input impedance	$\geq 10 \text{ k}\Omega$
Maximum input voltage	$\leq 3 \text{ Vrms}$
Audio outputs	
Number of audio outputs	8
Type of outputs	Balanced
Connector type	2x RJ45
Frequency response	40 Hz ... 20 kHz (@1dB) / 400 Hz ... 8 kHz (@0,1dB)
Harmonic distortion (THD+IMD)	$\leq 0,05\%$
Headroom	10 dB
SNR	$\geq 90 \text{ dB}$
Channel separation	$\geq 80 \text{ dB}$
Output impedance	600 Ω
RS485 interface	
Number of sockets	1x RJ45
Baud rate	$\geq 19200 \text{ bps}$
Operating temperature	0°C to 60°C
Operating humidity	15% to 80% (non-condensing)
Storage temperature	-20°C to 70°C
Storage humidity	5% to 95% (non-condensing)
Dimensions	70 x 160 x 25 (mm)