

TWA-ATX-PoE-BOX



ATX

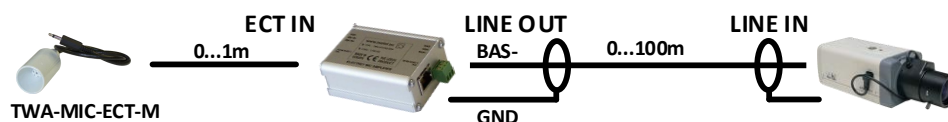


ECT-M

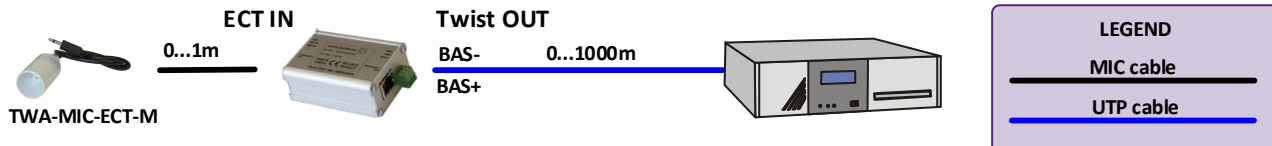
- Compatible with MIDSPAN PoE (IEEE802.3af/at) or 48VDC: pins 4,5 / 7,8
- 2x fast ethernet port 10/100 BASE-T
- Microphone input compatible with TWA-ECT-M
- LINE-OUT compatible with IP cameras LINE-IN (balanced / unbalanced)
- ALC and noise reduction

ORDERING NAME	CODE	NOTE
TWA-ATX-PoE-BOX*	3-100-725	PoE, 48VDC
Recommended accessories		
BREAK-TWA-MIC-ECT-M	3-100-724	Electret microphone
* DIN35-LOCK holder for mounting to DIN 35 included		

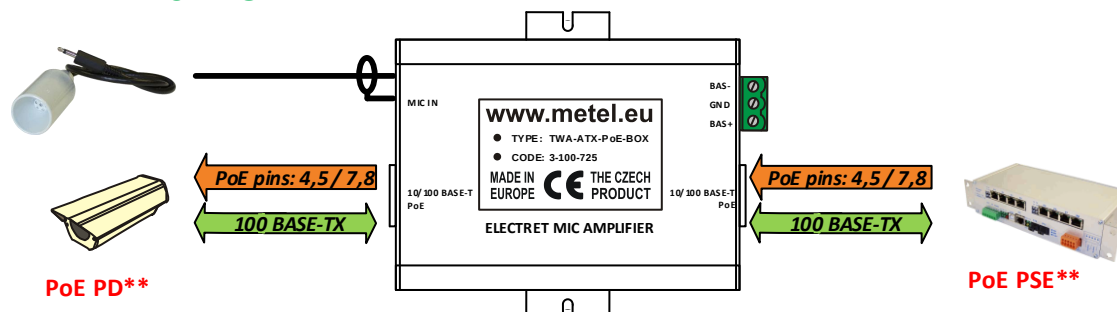
Direct connections to the IP camera



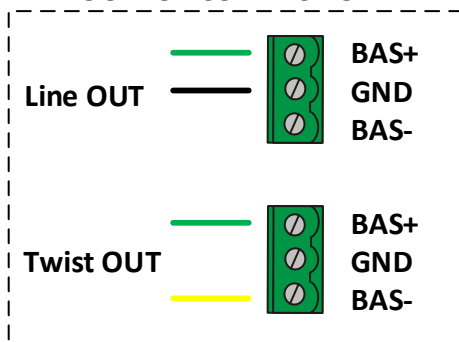
Audio transmission via twisted pair cable



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OUTPUT CONNECTION



** PoE-PSE = PoE Power Supply Equipment with MIDSPAN-POE output (Injectors, LAN-RING, LAN-BUS switches)
PoE-PD = PoE Powered Device

Line OUT – output for direct connection of end devices with AUDIO LINE IN (IP cameras, DVRs)

Twist OUT – output for connecting remote audio receiver (TWA-Rx and TWA-Rx8)

and the subsequent end devices - see Picture 2

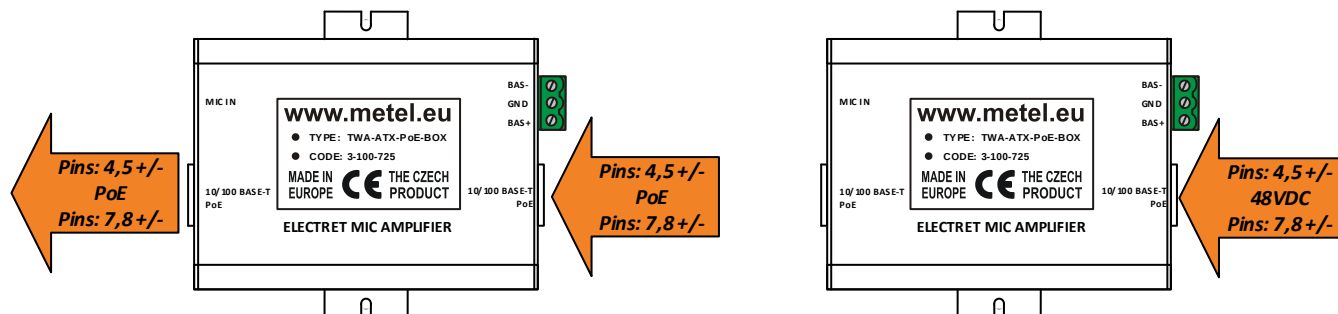
MIC IN – input for connecting an electret microphone

TWA-ATX-PoE-BOX**Audio Amplifier for ECT-M Microphones with LINE OUT****Installation****1. Mounting**

Mount the ATX module to the desired place, either to flat surface or to a DIN35 rail.

2. Connect supply

ATX modules can be supplied over data cable using PoE (IEEE 802.3af) / PoE+ (IEEE 802.3at) standards or by 48VDC connected to any LAN 10/100BASE-T port.

**3. Connect Electret microphone**

Connect TWA-MIC-ECT-M into a 3.5mm JACK MIC IN.

4. Connect audio end device

Connect required audio device according to the pictures on the previous page.

Technical parameters

	Parameter	Value	Unit	Note
TWA-ATX modules	Bandwidth	200 – 20 000	Hz	
	Supply	MIDSPAN PoE: pins 4,5 / 7,8		IEEE 802.3af/at
		48	VDC	LAN: pins 4,5 / 7,8
	Consumption	Max. 0.8	W	
	Overvoltage protections	Fine		supply input and LINE-OUT
MIC-ECT-M	Bandwidth	200 – 15 000	Hz	
	Supply	BIAS		
	SNR	Min. 60	dB	
	Consumption	Max. 1.5	mA	
Environment	Operational range	–40...+75 (–20...+60)	°C	(MIC)
Mechanical	Dimensions - w / h / l	ATX: 52 / 32 / 82	mm	
Parameters		MIC: 34 / 30 / 100	mm	
The producer retains the right to change any technical parameters without previous announcement.				

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Audio Amplifier for ECT-M Microphones with LINE OUT

Dimension TWA-ATX-PoE-BOX