PMOD 16 XPAZ 001

ZONE SELECTOR MODULE

The zone selector module 16 XPAZ 001 is designed for use with the XPA IP amplifier from INDUSTRONIC. It distributes the output power of one XPA amplifier to 16 individually addressable speaker circuits.

By cascading up to four XPAZ zone selector modules, the output power of one XPA amplifier can be distributed to up to 64 speaker circuits.

Its compact design allows easy integration into cabinets with limited space. Simple plug-in jumper cables between the XPA and XPAZ modules further simplify installations. The XPAZ is supplied with DC power from the XPA amplifier.



- Provides up to 16 individually addressable speaker circuits
- Expandable by cascading of up to 4 zone selector modules for a total of 64 speaker circuits
- Compact 19", 1 RU design
- 16 LEDs to indicate active speaker circuits
- Optional expansion module for the IP amplifier XPA

ZONE SELECTOR MODULE 16 XPAZ 001

Type number	344-061-100

MECHANICAL DATA

Mounting	19" rack mounting, 1 RU
Width x height x depth	483 mm x 44 mm x 310 mm (19.02" x 1.73" x 12.20")
Weight	Approx. 5 kg (11.02 lbs)
Frame material	Galvanized sheet steel
Front plate color	RAL 7016, fine-textured matt

CURRENT CONSUMPTION

Input voltage	48 V DC (from XPA amplifier)
Quiescent	10 mA
Maximum	200 mA

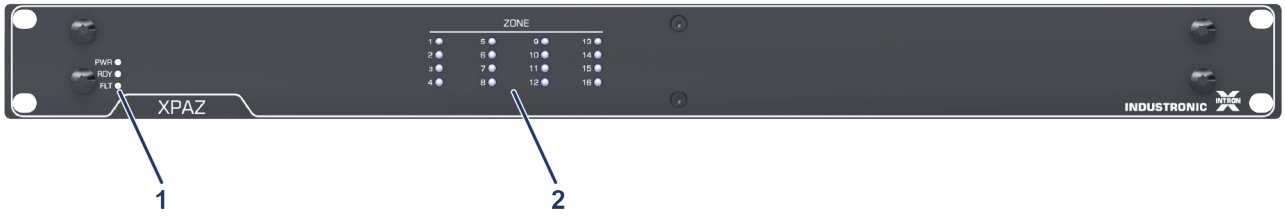
ZONE SELECTION DATA

Input / output signal	100 V_{rms}
Input / output power capacity	2 x 400 W (with 800 XPA 001), 4 x 400 W (with 1600 XPA 001)
Speaker circuit outputs	16 speaker circuits in line or loop configuration

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

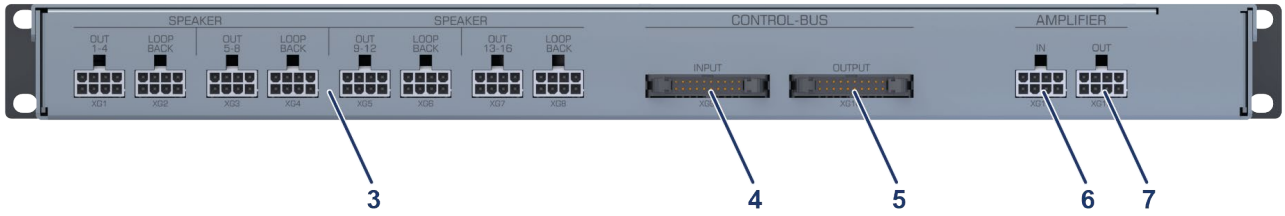
Ambient temperature during operation	-15 °C to +55 °C (+5 °F to +131 °F)
Storage temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Relative humidity (non-condensing)	Max. 95 %
Degree of protection	IP20
Vibration resistance	2 Hz to 13.2 Hz, +/-1.5 mm, 13.2 Hz to 200 Hz, 1 g
Electrical safety	EN 62368-1
EMC	EN 61000-6-2, EN 61000-6-4, EN 55032 Class B, EN 55035, EN 50130-4

FRONT/REAR



1 LEDs for device status
PWR (green) = Operating voltage applied
RDY (green) = Device ready for operation
FLT (yellow) = Fault detected

2 LEDs for speaker circuit status indication
ON (green) = Speaker circuit active



3 Audio outputs for the connection of speaker circuits and
additional audio outputs for the connection of speaker circuits in loop configuration

4 Control input of the XPAZ from the XPA amplifier

5 Control output to a cascaded zone selector module XPAZ

6 Input for audio signal of the XPA amplifier or preceding zone selector module XPAZ

7 Output for audio signal to a cascaded zone selector module XPAZ

ACCESSORIES (INCLUDED)



20 XCBL 071 0.10 m

Zone selector control cable for connecting the XPAZ module to the XPA amplifier

Flat ribbon cable, 20 poles, 0.10 m (0.33 ft)

Type number	244-961-100



8 XCBL 461 0.16 m

100 V audio connection cable for connecting the XPAZ zone selector module inputs to the XPA amplifier

8 poles, 0.16 m (0.52 ft), 0.5 mm², 2 x connectors

Type number	244-962-160



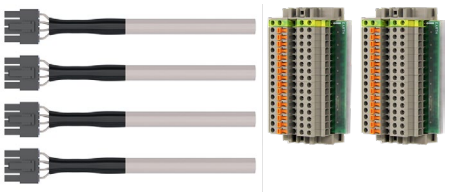
Mounting set for 19" devices

Rack mounting set for 19" devices including mounting screws, plastic washers and cage nuts

Type number	212-387-000

ACCESSORIES (NOT INCLUDED, REQUIRED)

Please note: Connection kits are required to connect amplifier outputs to speaker lines or speaker loops. Please order them according to your requirements.



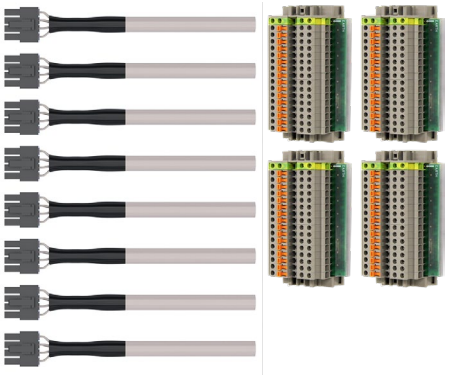
16 LNCK 01

XPAZ LINE Connection Kit for direct connection of 16 speaker lines to one XPAZ module. Including:

4 x XPAZ output connection cable with 8-pole connector to flying leads, length 4.0 m (13.12 ft)

2 x screw terminal block with integrated knife disconnecting function and surge protection, 16 poles + ground terminal, clamping range 0.14 mm² to 4 mm²

Type number	344-360-110



16 LPCK 01

XPA LOOP Connection Kit for direct connection of 16 speaker loops to one XPAZ module. Including:

8 x XPAZ output connection cable with 8-pole connector to flying leads, length 4.0 m (13.12 ft)

4 x screw terminal block with integrated knife disconnecting function and surge protection, 16 poles + ground terminal, clamping range 0.14 mm² to 4 mm²

Type number	344-360-111

SCOPE OF DELIVERY

Description / Application	Type	PMOD 16 XPAZ 001
PMOD 16 XPAZ 001	16 XPAZ 001	1x
Zone selector control cable	20 XCBL 071 0.10m	1x
100 V audio connection cable	8 XCBL 461 0.16m	1x
Rack mounting set	Mounting set for 19" devices	1x
XPA LINE connection kit	16 LNCK 01	Not included
XPA LOOP connection kit	16 LPCK 01	Not included
PMOD type number		326-061-001

Please note:

1) The **XPAZ LINE connection kit (16 LNCK 01)** or **XPAZ LOOP connection kit (16 LPCK 01)** must be ordered separately depending on the specific project requirements.