

INDUSTRIAL INDOOR/OUTDOOR INTERCOM STATIONS

ELECTRO SOUND II



473-001



478-002



472-001

475-001/EU 475-002/EU 10450-202



476-001



10401-201/ESII

FEATURES AND BENIFITS

- Noise-cancelling microphone allows communication up to 93dB(A) high
- Easy "daisy chain" installation.
- Hazardous area approvals.
- Ample space in enclosure and double row terminal block for easy installation.
- Maximum distance 1.6Km between two stations.
- Modular design reduces spare part investment.
- Rugged steel dust-tight housing (indoor) or glass-reinforced polyester resists corrosive agents.
- Connection for headset for hands free operation.

The above models are industrial intercom stations provide quality all-page and common-talking communications. The system requires only one (1) power supply amplifier (471-101) to complete the communication system.

An additional power amplifier will provide Public address possibilities by using the press bar integrated in every handset.

The indoor stations are housed in dust-tight, 2-mm cold-rolled steel enclosures finished with textured polyurethane paint.

The outdoor station is housed in a glass reinforced polycarbonate enclosure.

Specifications.

Power	: Drawn from power supply amplifier model 471-101/DIN.	
Microphone	: Dynamic 10-Ohm noise cancelling.	
Controls	: Anti-side tone.	
Temperature range	: Minus 20C° to +70C°	
Shipping weight	: Indoor stations :2 Kg	Outdoor station : 5Kg
Protection	: Indoor IP42	Outdoor IP 65

MODEL 10401-201/ESII WIRED HEADSET WITH PAGE BUTTON.



Model 10401-201/ESII wired headset
(Page button not visible on picture)



Model 10401-201/ESII/HH
Same as above including bracket
for use with hardhat

FEATURES AND BENIFITS

- Noise-cancelling microphone allows communication even in high noise areas.
- Soft earcups reducing ambient noise up to 23 dB.
- Includes "Page Button" allowing voice paging over a loudspeaker system.
- Power drawn from ESII network.
- Including 7 meter coil cord with Neutrik male plug 6,3mm.

Accessoires. (Must be ordered separately)

- 475-001/EU Outdoor wall mounted jack station provided with 2 glands.
- 475-002/EU Indoor wall mounted jack station provided with 2 glands.
- 475-003 Indoor wall mounted headset hang-up unit with automatic disconnect circuit.



Model 475-001/EU
(Outdoor jack station)



Model 475-002/EU
(Indoor jack station)



Model 475-003
(Hang-up unit)

The model 10401-201/ESII headset is a three- (3) wire headset designed for use with an Electro Sound II (ESII) intercom system. The headset provides "man to man" communication even in high noise area and is designed to provide full duplex communication.

The headset has a built in pushbutton, which allows you to make a voice Page over a Public Address system.

Specifications.

Microphone	: Electret noise compensated.
Power	: Drawn from the ES II intercom system. Requires connection to a model 471-101 power source amplifier. (See datasheet Pub-0003-124a)
Weight	: Less than 570 gram. (Excluding weight of the 7 meter coil cord)
Connection	: By a 6,3 mm Neutrik jack.
Page button	: Situated in right earshell.
Side tone	: Present in all models.
Operation temperature	: Minus 5C° to 55C°

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Pub-0003-133b

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Electro Sound II Power supply amplifier 471-101/DIN.



Model 471-101/DIN

FEATURES AND BENIFITS

- Suitable for direct connection to a Page/Party Electro Sound II intercom system.
- Includes a 600 Ohm galvanic audio output during page. This allows direct connection to any booster amplifier.
- Dry contact available for detection of Page and party.
- Screw terminals for direct connection of field cabling.

The model 471-101/DIN is a power supply amplifier providing the signal source to an Electro Sound II Page/Party system of GAI-TRONICS.

The model 471-101 will accept an unlimited quantity of indoor handset, headsets or outdoor handset stations or plug in jacks.

A maximum of 15 users may hook off at the same time.

The unit operates at 24VDC and is DIN rail mounted.

Specifications.

Construction	: Din rail PVC housing.
Mounting	: DIN rail with two (2) clips.
Power requirements	: 24VDC at 0,3A.
Controls	: Anti-side tone, Audio volume output Page
Field connection	: screw connection. Maximum 1,5mm ²
Diagnostic	: Power LED and Page LED.
Temperature range	: Minus 10°C to +50°C. (20-80% humidity)
Dimensions (LxWxD)	: 85x90x35mm.
Shipping weight	: 0,3Kg

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INDUSTRIAL INTERCOM CABLE ESII SYSTEM.



Specifications.

Construction standard	: as per I.E.C. 332.1 & 2.
Rated tension	: 600V
Outer jacket	: PVC colour green RAL 6014
Overall tinned copper shield	: 85% coverage.
Wires: - jacket	: PE
- construction	: bare stranded copper 226x0,15mm = 1mm ² 2 core cotton filler Polyester transparent foil
Printig	: 600V rated PRONOR BELGIUM MODEL 60028-201/SPL
Overall diameter	: 12,5 mm
Set up wires	: Two (2) twisted pair 2x2x1mm ² colour : White – Black (L1 -L2) Red - Yellow (Page - Alarm)
Shipping & weight	: Packed on wooden drums of 500 meter. (145Kg)

The cable 60028-201/SPL is designed for interconnection of Electro Sound II (ESII) intercom stations . See Pub-0003-016 showing the available ESII intercom stations.

All cables are in full accordance with I.E.C. 332.1 & 2 regarding the fire retardant standards.