IP7 Products for Half-Duplex Applications

DIGITAL ACOUSTICS

NETWORK

IP7-FX

Relay

Sensor Input

12 vdc power supply or PoE

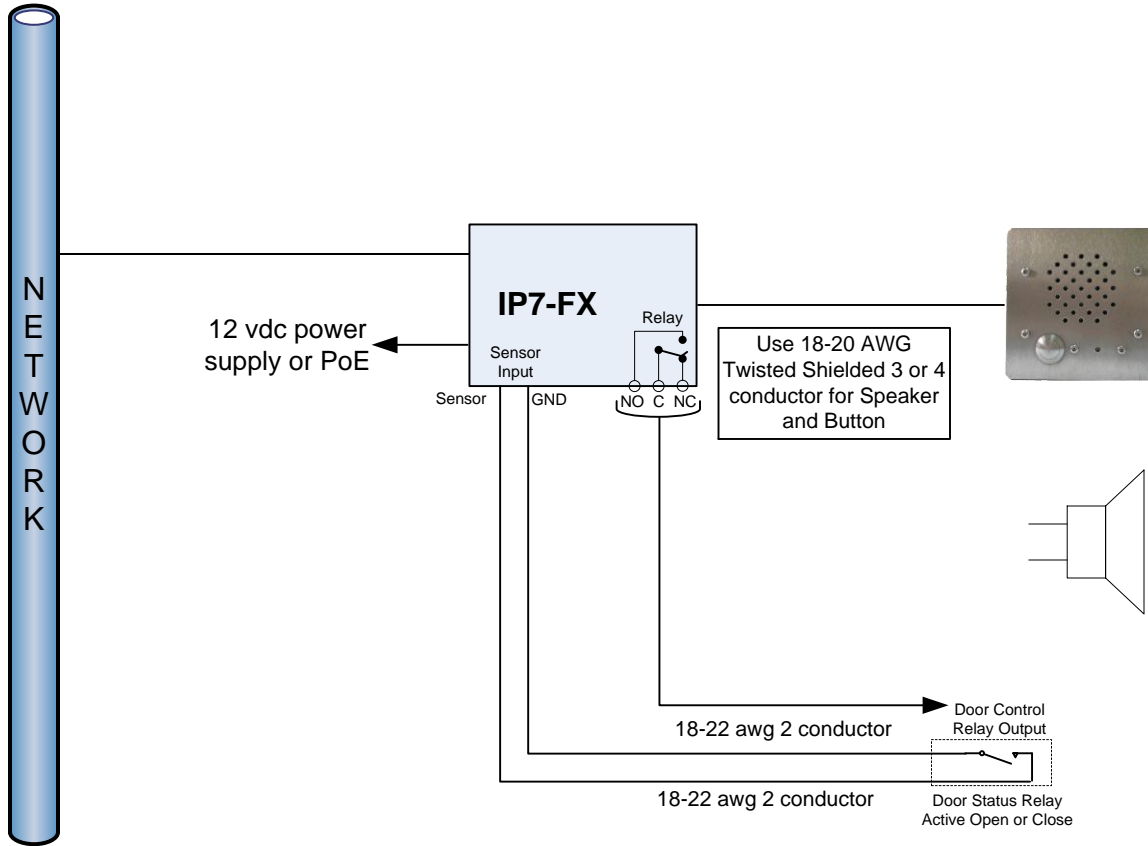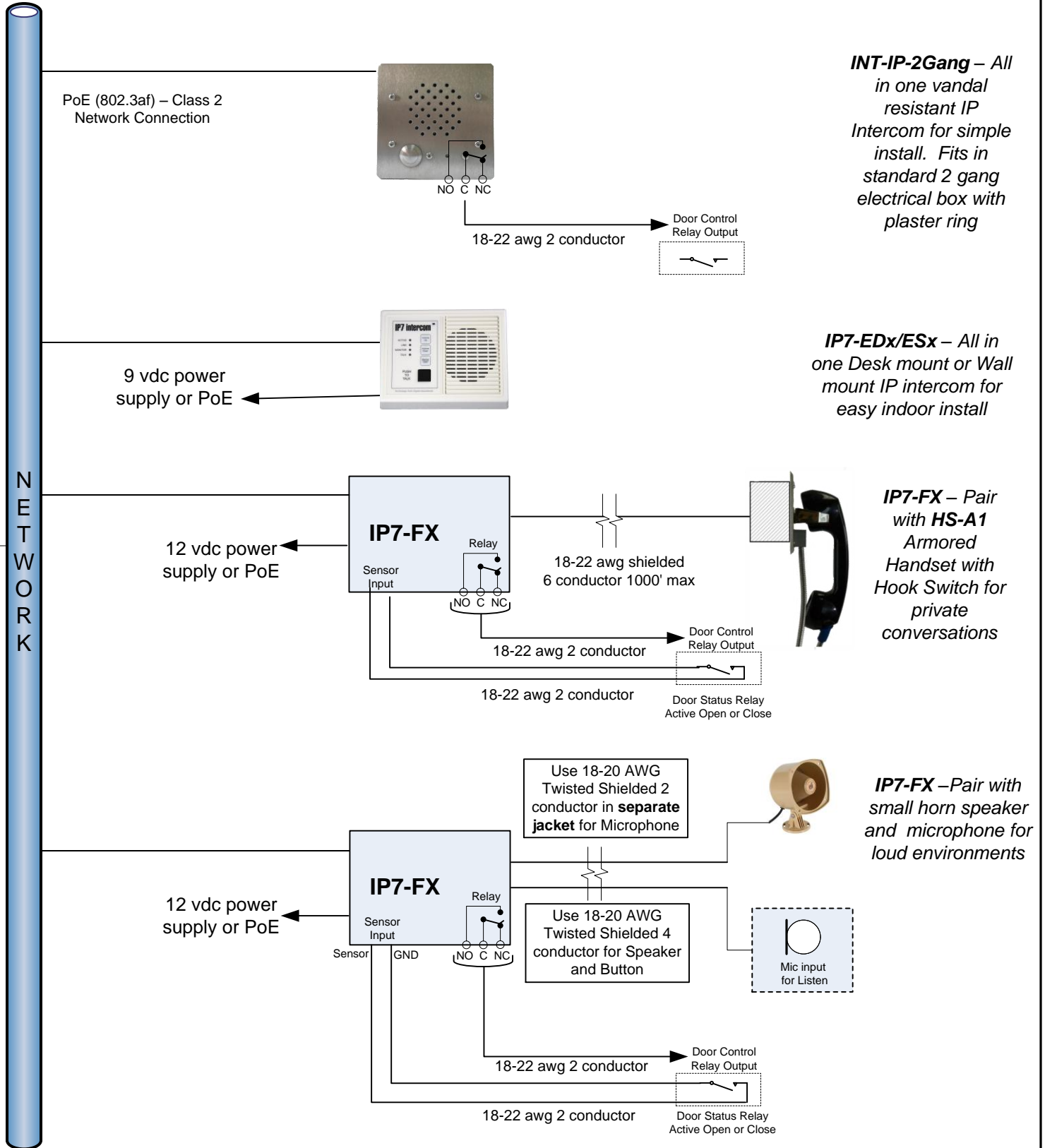Sensor   GND

NO C NC

Use 18-20 AWG Twisted Shielded 3 or 4 conductor for Speaker and Button

IP7-FX – *Half Duplex Single Transducer mode (Speaker operates both as a speaker and microphone). Pair with* **PNL-CIS4** *Indoor/Outdoor Vandal Proof Call Panel*

Or an 8 Ohm speaker

18-22 awg 2 conductor

Door Control Relay Output

18-22 awg 2 conductor

Door Status Relay Active Open or Close

IP7 Products for Half or Full Duplex Applications

NETWORK

PoE (802.3af) – Class 2
Network Connection

NO C NC

18-22 awg 2 conductor → Door Control
Relay Output

INT-IP-2Gang – *All in one vandal resistant IP Intercom for simple install. Fits in standard 2 gang electrical box with plaster ring*

9 vdc power
supply or PoE ←

IP7-EDx/ESx – *All in one Desk mount or Wall mount IP intercom for easy indoor install*

IP7-FX

Relay

12 vdc power
supply or PoE ←

Sensor
Input

NO C NC

18-22 awg shielded
6 conductor 1000' max

18-22 awg 2 conductor → Door Control
Relay Output

18-22 awg 2 conductor

Door Status Relay
Active Open or Close

IP7-FX – *Pair with **HS-A1** Armored Handset with Hook Switch for private conversations*

Use 18-20 AWG
Twisted Shielded 2
conductor in **separate jacket** for Microphone

IP7-FX

Relay

12 vdc power
supply or PoE ←

Sensor
Input

Sensor   GND   NO C NC

Use 18-20 AWG
Twisted Shielded 4
conductor for Speaker
and Button

Mic input
for Listen

18-22 awg 2 conductor → Door Control
Relay Output

18-22 awg 2 conductor

Door Status Relay
Active Open or Close

IP7-FX – *Pair with small horn speaker and microphone for loud environments*

Full Duplex audio is software configurable and can be turned off for applications that require half duplex audio