

ANS25A / ANS50A / ANS100A

EXPANDER INSTALLATION INSTRUCTIONS

The ANS25A / ANS50A / ANS100A is a self contained amplifier, tone generator, power supply and supervisory interface. It is designed to be used in conjunction with the ANS 25 / 50 / 100 to provide additional speaker output power. It may also be used stand-alone in conjunction with a Fire Alarm Control Panel to provide voice evacuation where an automatic message is not desired.

Installation and operation is identical to the ANS 25 / 50 / 100 (see Installation Instructions P/N ANS-5001. With the exception that no digital message is present. When used in conjunction with the ANS 25 / 50 / 100 the Expander will act as a slave reproducing the tone and message generated by the master. When used as a stand-alone, the Expander will connect to the FACP exactly as the ANS 25 / 50 / 100 does to provide automatic tone in alarm and voice override capability.

All terminal designations and volume controls are identical to the ANS 25 / 50 / 100. One exception is that on the Expander SN1 determines Tone, Master/Slave, Battery and Microphone supervision. There is no SN2.

Factory defaults are:

Expander as Slave

1 = OFF Temporal Whoop Signal

2 = OFF

3 = OFF

4 = OFF

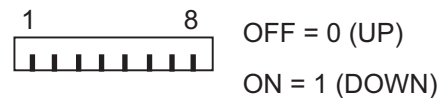
5 = OFF

6 = OFF Slave (ON = Master setting)

7 = ON Battery connected (OFF = No Batteries)

8 = OFF No Mic (ON = Mic connected)

Switch Network Detail



Expander as Master / Stand-Alone

1 = OFF Temporal Whoop Signal

2 = OFF

3 = OFF

4 = OFF

5 = OFF

6 = ON Master setting

7 = ON Battery connected (OFF = No Batteries)

8 = ON Mic connected

SN1 Tone Selection

SW 1 Sets the evac tone.

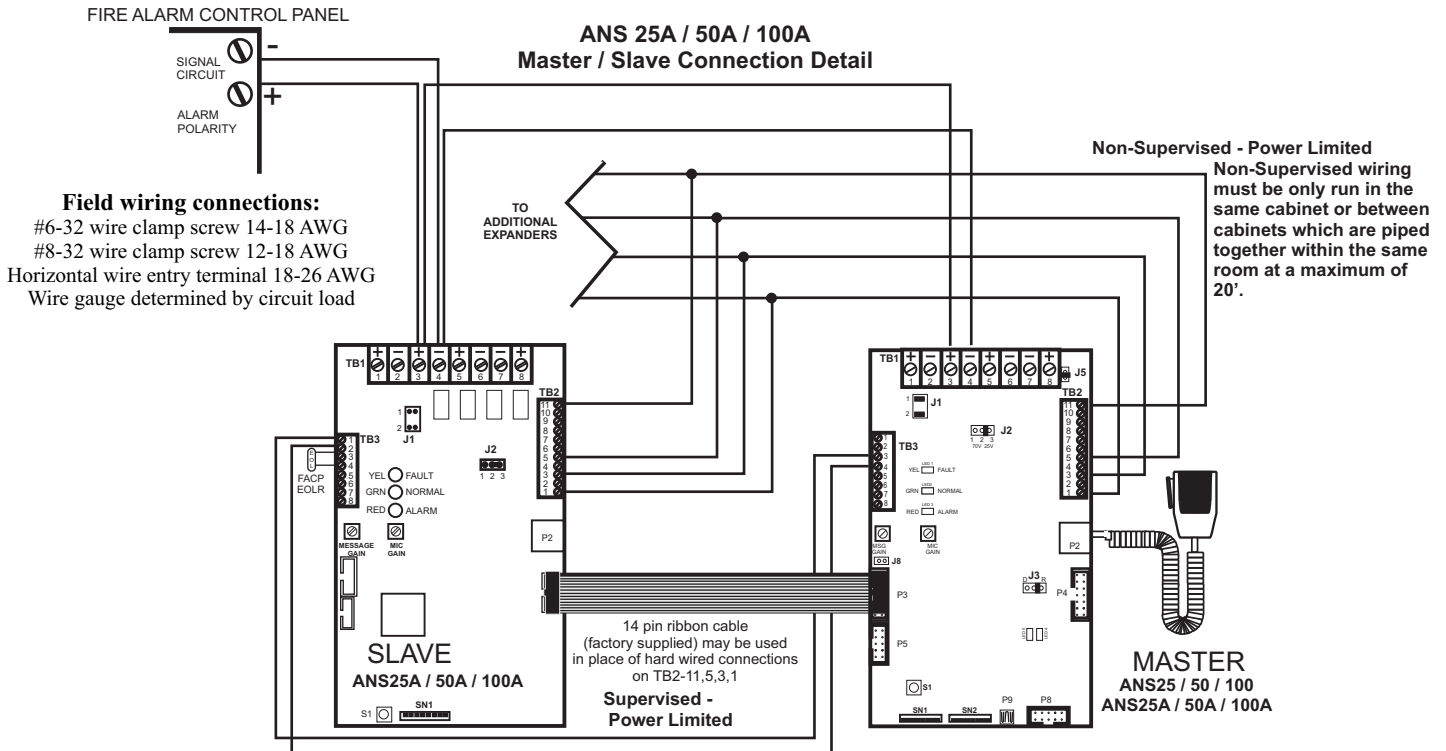
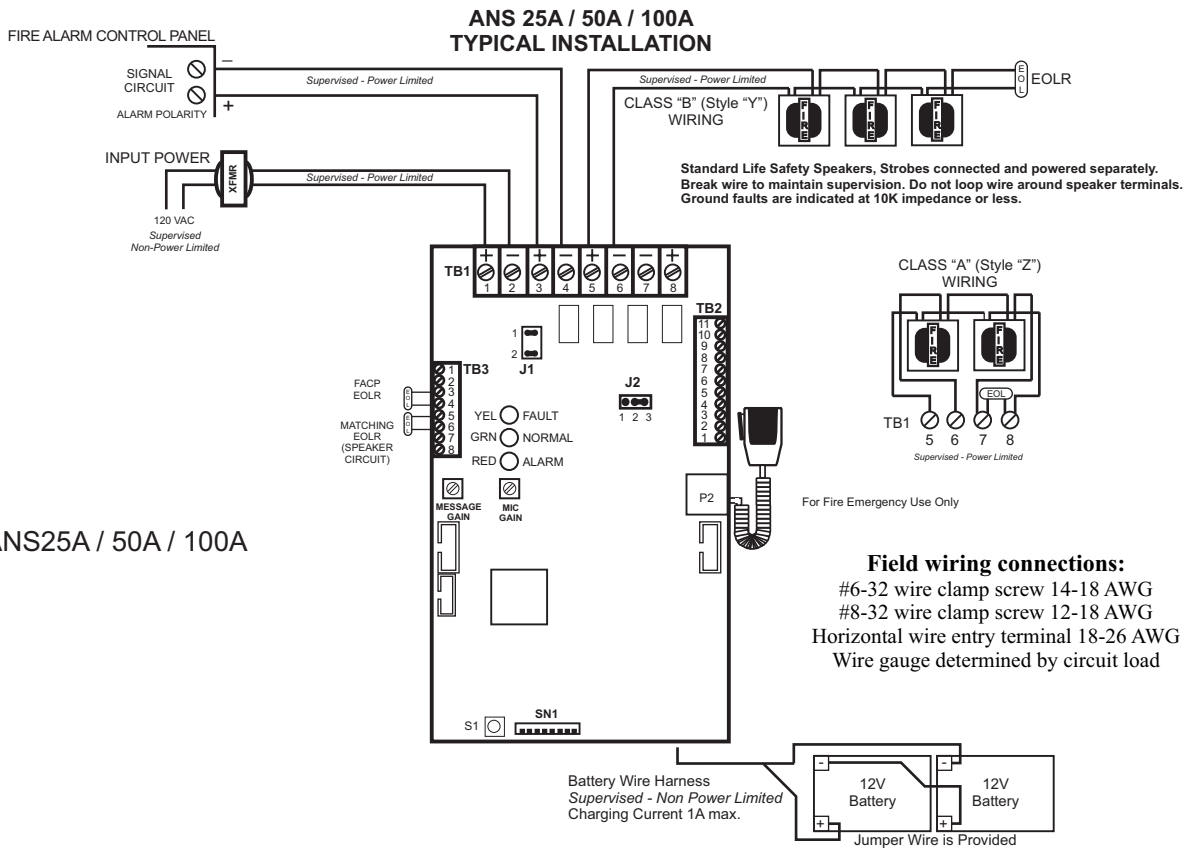
2 Settings: 0 Temporal Whoop
1 Temporal Chime

For ratings and specifications see ANS 25 / 50 / 100 Installation Instructions P/N ANS-5001

UL 464 520 Hz Low Frequency Signal for Sleeping Areas: Models ANS25A and ANS100A when used in conjunction with models ANS25 and ANS100 are tested compliant with UL 464 520 Hz Low Frequency Signal for Sleeping Areas with the following speakers:

Edwards Series: G4HF and GCHF





* NOTE: Switch SN1-6, SN1-8 must be in OFF position for all Slave modules. All Power and Speaker connections remain unchanged.

J1 Shorting blocks removed from slave units for pass-through supervision.

For contact information, see www.edwardsfiresafety.com.
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