



GFE-PA-VOX-A

MANUAL - 06/2017

Addressable Voice Controller/Amplifier

MADE IN PORTUGAL - EU

GLOBAL FIRE EQUIPMENT S.A.

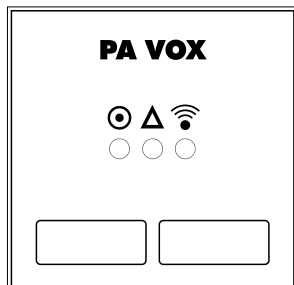
Sítio dos Barrabés, Armazém Nave Y, Caixa Postal 908-Z, 8150-016 São Brás de Alportel - PORTUGAL

Tel: +351 289 896 560 • Sales: sales@globalfire.pt • Technical Support: techs@globalfire.pt • www.globalfire.pt

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop: 17-30 V DC - External Supply: 20-30 V DC
LOOP CURRENT	0.5 mA (Quiescent) - 0.5 mA (Sounder Active)
EXTERNAL SUPPLY - CURRENT	2.0 mA (Quiescent) - 1.0 A (Sounder Active)
POWER OUTPUT MAX.	24 Watts rms
MAX. CABLE SIZE	2.5 mm ²
MAX. HUMIDITY	85% RH Non-Condensing
OPERATING TEMPERATURE	-10°C to 50°C
ENCLOSURE - MATERIAL / PROTECTION	White or Red ABS / IP44
DIMENSIONS / WEIGHT	100 (D) x 48 (H) mm / 125 g - 160 g including packaging
ORDER CODE	DESCRIPTION
GFE-PA-VOX-A	ADDRESSABLE VOICE CONTROLLER/AMPLIFIER

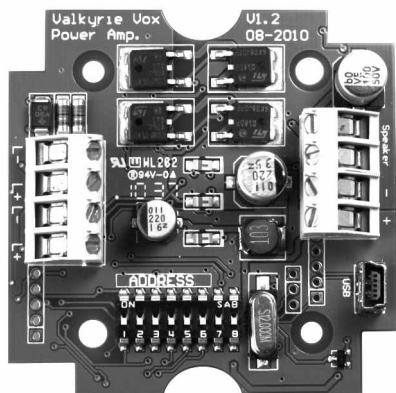
STATUS & REPORT DETAILS



In order to indicate the status of the module's working condition, 3 LEDs are provided:

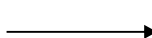
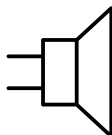
- STATUS:** This LED will flash Green, every time the address associated with the module is polled by the addressable panel. When in normal operation (speaker not active) the analogue value reported to the panel is 16.
- FAULT:** The Yellow LED will be ON when there is a fault in the module. If there is a FAULT condition the analogue value reported to the addressable panel is 4.
- FIRE:** This Red LED will be illuminated intermittently whenever the speaker is active. The analogue value reported by the module in this state is 17.

SPEAKER CONNECTION / USB CONNECTOR



Maximum Load Allowed

1 x 8 Ohm
24 Watt rms
or
2 x 16 Ohm
12 Watt rms

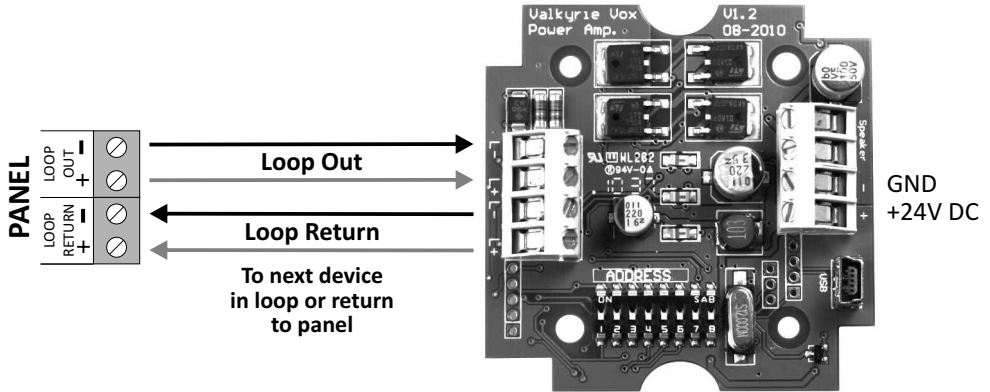


USB CONNECTOR

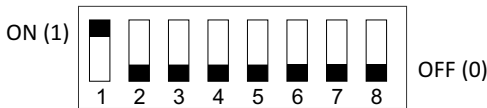
Use USB connector in conjunction with GFE's Vox Loader PC Software to program new tones and voice messages. Software can be downloaded from our website.

LOOP & EXT. SUPPLY CONNECTIONS

NOTE: This device is polarity sensitive.



D.I.L. SWITCH CONFIGURATIONS



Switches 1-5

Used to configure Address in the range 94-125

Switch 6, 7 and 8

Not Used

Address Switches Binary Weights

- 1 ON = 1
- 2 ON = 2
- 3 ON = 4
- 4 ON = 8
- 5 ON = 16

NOTE: Address programmed on switches 1-5 has an OFFSET of 94.
For example if D.I.L. switches 1-5 are all set to OFF the actual sounder address, as read by the panel, will be 94.

SOUNDER/ BEACON ADDRESS SETTINGS

Sounder 1 94	Sounder 2 95	Sounder 3 96	Sounder 4 97	Sounder 5 98	Sounder 6 99	Sounder 7 100	Sounder 8 101
Sounder 9 102	Sounder 10 103	Sounder 11 104	Sounder 12 105	Sounder 13 106	Sounder 14 107	Sounder 15 108	Sounder 16 109
Sounder 17 110	Sounder 18 111	Sounder 19 112	Sounder 20 113	Sounder 21 114	Sounder 22 115	Sounder 23 116	Sounder 24 117
Sounder 25 118	Sounder 26 119	Sounder 27 120	Sounder 28 121	Sounder 29 122	Sounder 30 123	Sounder 31 124	Sounder 32 125