

RAPID FIT INSTALLATION INSTRUCTIONS

For 60 & 100 WATT SIREN AMPLIFIERS



Order Code	Voltage/Rating	Tones	Fuse	Model Type	Mode
PAA-127-01	12 Volt/60 Watt	Wail & Yelp	10 Amp	140-0104-04	0
PAA-128-01	12 Volt/100 Watt	Wail & Yelp	15 Amp	140-0104-03	0
PAA-???-??	12 Volt/100 Watt	Phasor	15 Amps	140-0104-03	1
PAA-127-02	24 Volt/60 Watt	Wail & Yelp	10 Amp	Not Specified	0
PAA-128-02	24 Volt/100 Watt	Wail & Yelp	10 Amp	140-0104-05	0
PAA-???-??	24 Volt/100 Watt	Phasor	10 Amp	140-0104-05	1

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Notes:

- These instructions are for units with hands free version 4.2 software set in either Mode 0 for 'Wail & Yelp' Tones or Mode 1 for 'Phasor' only Tones

Warnings!

- Do not connect the red power wire until all other connections to the siren have been made
- When wires and cables pass through metal panels etc., make sure they are protected from abrasion with grommets or tape.
- Do not mount the siren unit next to sources of heat or where it may become covered with clothing or folders etc which may restrict ventilation.
- Do not mount the siren unit where it may be exposed to excessive moisture levels or dust.

OPERATION For HANDS FREE MODE: Start. Stop and Scroll from the Vehicle Horn (Mode 0 Wail & Yelp):

The unit may be installed where either the standby current is zero (Switch 1 fitted) or approximately 140mA (Switch 2 fitted)

Control Switch – Up position off, down position the unit is 'armed' but does not sound.

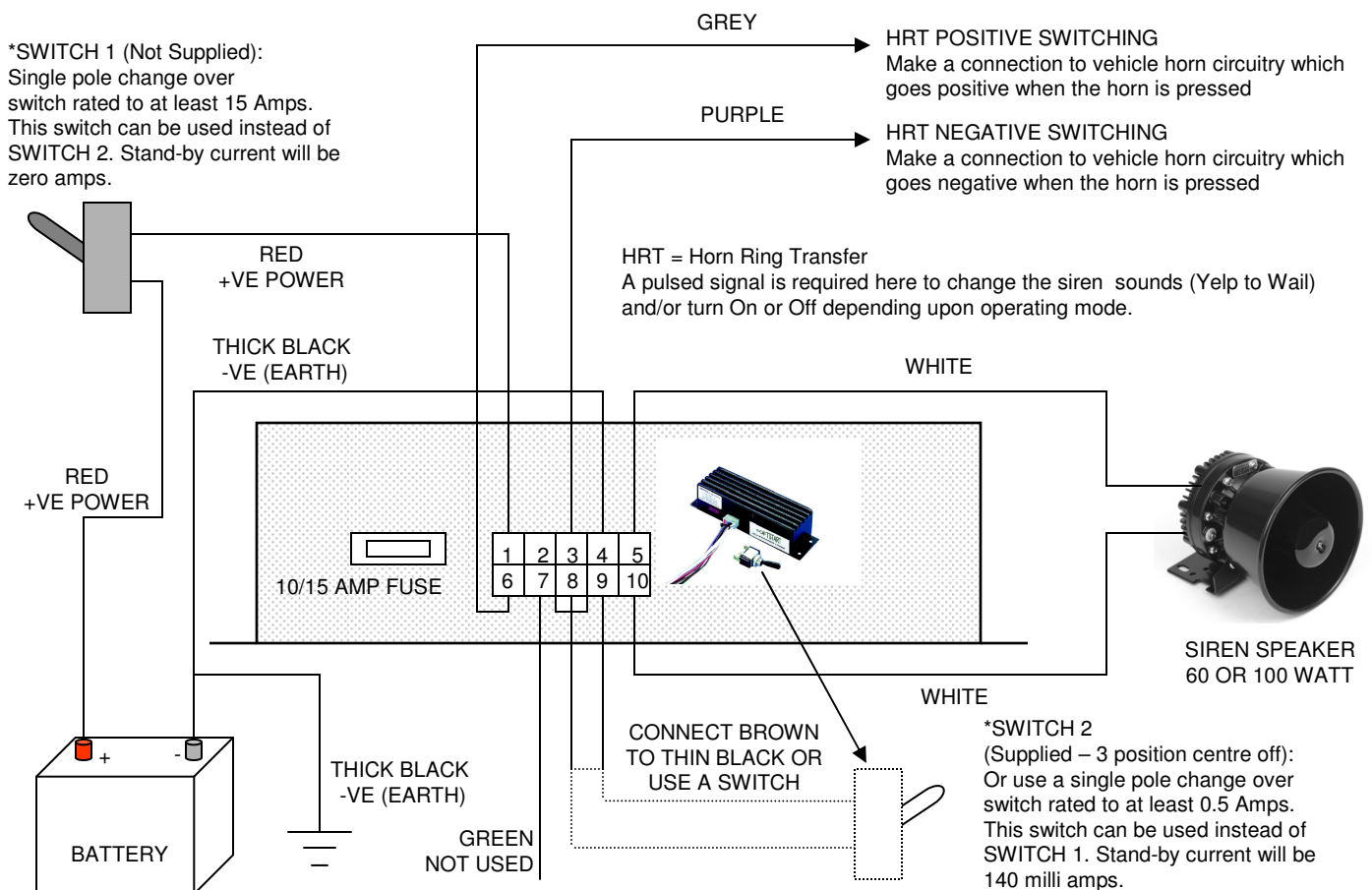
***Warning:** Only fit SWITCH 1 or SWITCH 2, but not both.

HRT (Purple Wire) – Needs a negative pulse, normally taken from the vehicle horn circuitry such that:

Pressing once to start WAIL, Press again for YELP, Press again for WAIL, Single presses then keep cycling between WAIL & YELP

Double press turns siren off

For normal vehicle horn operation ensure that switch is in off position



***Warning:** Only fit SWITCH 1 or SWITCH 2, but not both

RAPID FIT INSTALATION INSTRUCTIONS
For 60 & 100 WATT SIREN AMPLIFIERS - Continued



OPERATION For HANDS FREE MODE: Start & Stop from the Vehicle Horn (Mode 1 Phasor only):

The unit may be installed where either the standby current is zero (Switch 1 fitted) or approximately 140mA (Switch 2 fitted)

Control Switch – Up position off, down position the unit is 'armed' but does not sound.

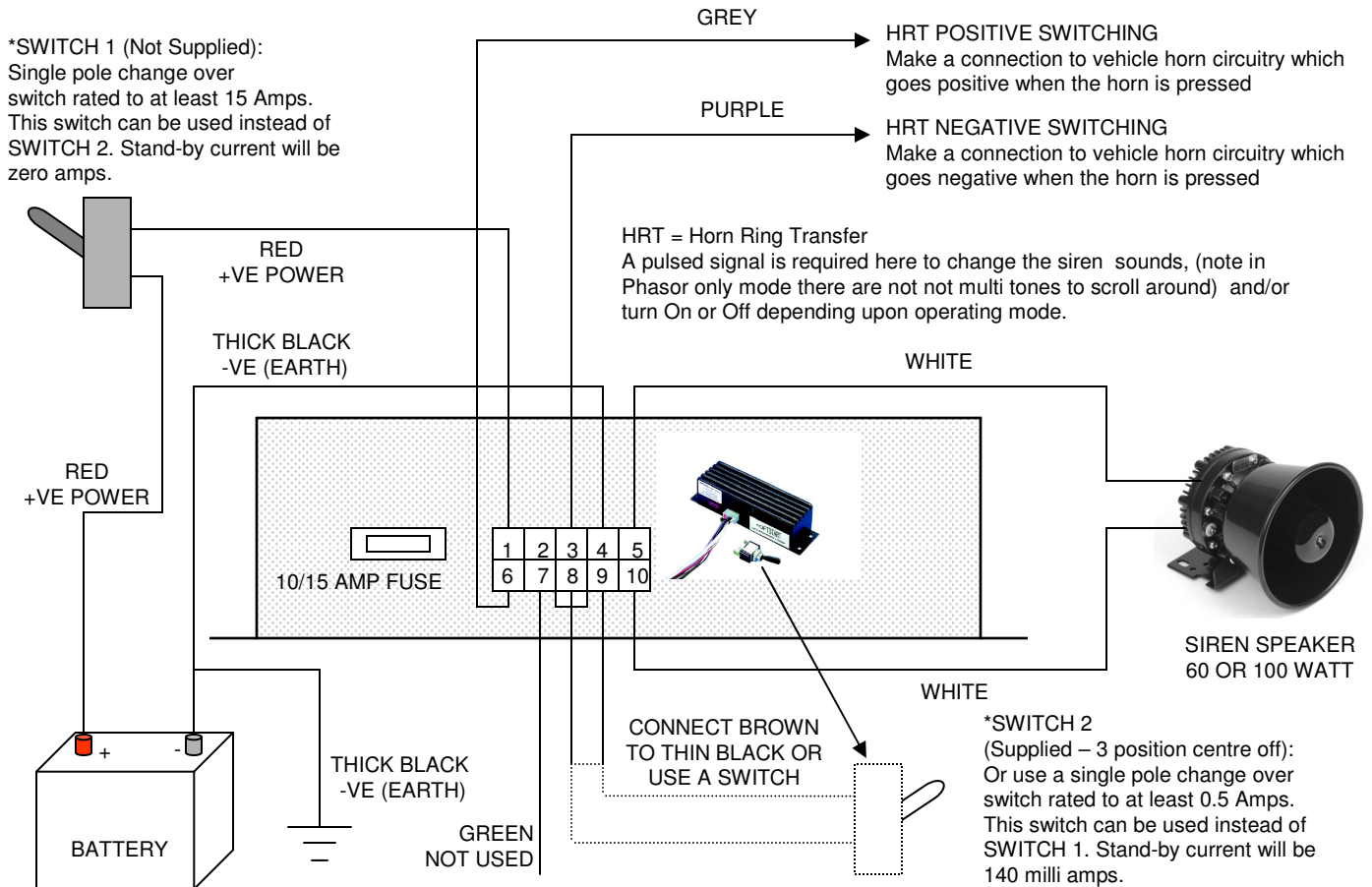
***Warning:** Only fit SWITCH 1 or SWITCH 2, but not both.

HRT (Purple Wire) – Needs a negative pulse, normally taken from the vehicle horn circuitry such that:

Pressing once to start PHASOR then pressing again keeps the device in PHASOR mode.

Double press turns siren off

For normal vehicle horn operation ensure that switch is in off position

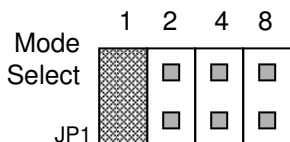


***Warning:** Only fit SWITCH 1 or SWITCH 2, but not both

Note: If required the device may be changed from Mode 0 operation (Wail/Yelp) to Mode 1 operation (Phasor only) by moving the the internal jumpers. The jumper block is normally configured at the factory to customers requirements before each siren is shipped as defined by its original part number.

To change the operating mode, first unscrew the lid of the device. Located at the top left corner of the circuit board are 4 sets of jumper pins marked JP1 numbers 1,2,4 and 8. It is a simple matter of choosing the mode from the diagram below, then fitting the required jumpers.

To fit a jumper simply use the supplied connector (ie. The 'Jumper') to short out the two specified pins



Mode 0 = No Jumpers
 Mode 1 = Jumper 1 On (Shown fitted)