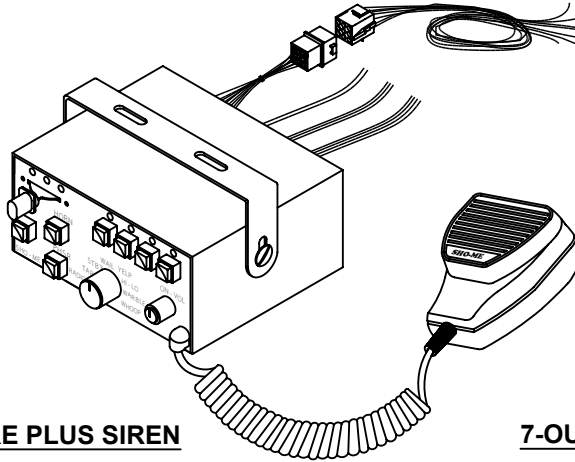




100 WATT FULL FEATURE PLUS SIREN WITH 7-OUTPUT SWITCH BOX MODEL NO. 30.2400



FULL FEATURE PLUS SIREN

The 30.2400 Siren has 12 operational modes including: Wail, Yelp, Phaser, Warble, Whoop, Hi-Lo, Air Horn, Tap, Standby, PA, Radio Rebroadcast and Intersection Mode. Park function is also available. The siren has a rotary switch for mode selection, three pushbutton momentary switches and an on-vol dial. A hard-wired noise-canceling PA microphone is also included. **Use only one 100 watt speaker with an 11 ohm impedance.**

SIREN WIRING - 9 Wire Connector

Red Wire (Siren Power) Connect to Positive 12VDC.
Black Wire (Siren Ground) Connect to Ground.

Brown Wires (speaker)- Route 16-gauge speaker wire from the siren to the speaker. Be certain to protect the wire from abrasion and cuts as it passes through the fire wall and other potential problem areas. Cut off any excess wire then connect to the speaker terminals. Polarity is not a factor.

White (optional)- Connect to vehicle park switch or door switch. This function is ground activated. If this function is not used, shorten the white wire and insulate it to prevent accidental grounding.

Orange (optional)- Connect to 12 volt activated horn.

Yellow (optional)- Connect to ground-activated horn.

Blue Wires- Route one wire to one side of a two-way radio speaker and the second wire to the other side of the two-way radio speaker. **Note:** *If a garbling of radio rebroadcast is noticed while testing after installation, reverse the wires at the two-way radio speaker.*

7-OUTPUT SWITCH BOX WIRING

The 30.2400 7-output switch box has a 3-position progressive slide switch rated at 10 amps each, and four pushbutton on/off switches rated at 10 amps each. **NOTE:** *Each switch must be fused at a maximum of 10 amps. Total for all switches not to exceed 30 amps.* **NOTE:** *By default, when the slide switch is in position 3, the Wail sound will be turned on. If this feature is not wanted, remove the four cover screws then slide the top cover toward the rear. Locate the wire labeled "Auto Siren", cut and tape the ends.*

POWER

Red Wire (Sw. Box Power) Connect to Positive 12VDC.

Black Wire (Sw. Box Ground) Connect to Negative Ground.

SLIDE SWITCH (3 wires- each output must be fused)

Yellow Wire - #1 Position - Positive 12V

Green Wire - #2 Position - Positive 12V

Purple Wire - #3 Position - Positive 12V

BUTTONS (4 wires- each output must be fused)

Orange Wire - #1 Switch - Positive 12V

Blue Wire - #2 Switch - Positive 12V

White Wire - #3 Switch - Positive 12V

Brown Wire - #4 Switch - Positive 12V



SIREN FUNCTIONS

ON-VOL DIAL- turns on the siren and controls the level of the PA. This control does not affect the level of the siren tones, nor does it control the radio rebroadcast audio volume heard on the outside speaker.

TAP- When in this mode, tap the HORN button one time for wail, again for whoop, again for warble, again for yelp and again for phaser. Tap twice quickly at any time and the mode stops.

NOTE: Vehicle horn will operate these functions when the yellow wire has been connected to the vehicle horn wire.

OPTION: The TAP functions can also be achieved by using the **SHO-ME® 30.0107** momentary foot switch (sold separately). For foot switch operation, attach the yellow wire to the black wire of the foot switch then attach the red wire of the foot switch to 12 volt positive.

RADIO- The audio from the 2-way radio is rebroadcast over the outside speaker. The air horn, phaser, intersection mode, and PA will override the Radio Rebroadcast. *NOTE:* Volume for Radio Rebroadcast is pre-set at the factory. Volume can be adjusted by removing the siren cover and locating the potentiometer on the left side of the circuit board. Use a small slotted screwdriver to adjust to the desired volume.

STBY (standby)- If the INTER button is depressed while in the standby mode, the intersection mode will be activated. If the HORN button is depressed, the air horn sound will be activated. If the PHSR button is depressed, the phaser sound will be activated.

INTER- When Intersection Mode is desired, press the momentary INTER button. The siren will automatically cycle through the Yelp, Phaser and Air Horn sounds. Press the INTER button again and the original mode will resume.

WAIL- This position activates the wail tone. Depressing the INTER, HORN or PHSR buttons (while in WAIL position) activates their individual sounds. PA overrides.

YELP- This position activates the yelp tone. Depressing the INTER, HORN or PHSR buttons (while in YELP position) activates their individual sounds. PA overrides.

HI-LO- This position activates the hi-lo tone. Depressing the INTER, HORN or PHSR buttons (while in HI-LO position) activates their individual sounds. PA overrides.

WARBLE- This position activates the warble tone. Depressing the INTER, HORN or PHSR buttons (while in WARBLE position) activates their individual sounds. PA overrides.

WHOOOP- This position activates the whoop tone. Depressing the INTER, HORN or PHSR buttons (while in WHOOOP position) activates their individual sounds. PA overrides.

HORN- This button activates the air horn tone.

PHSR- This button activates the phaser tone.

PA- While the PA overrides all other siren functions, the preferred mode of operation of the PA is STBY. PA will work even with Park override active. To use the PA, speak into the microphone while pressing the side button.

PARK- If the white Park wire is connected and the vehicle is put into park, the backlighting will flash and most siren sounds will be turned off. (PA and HORN modes will continue to work.) All siren sounds can be turned on by turning the mode selection switch to STBY. This wire can be connected to the vehicle door switch instead of the park switch.