

Power Call AND Power Call/Siren

 **MOBILE RADIO**

- ★ AUDIO AMPLIFIER – UP TO 45 WATTS
- ★ ELECTRONIC SIREN – UP TO 100 WATTS
- ★ BUILT FOR CONTINUOUS RUGGED DUTY
- ★ CHOICE OF FOUR SPEAKER TYPES
- ★ FOR 12 VDC SYSTEMS

POWER CALL

The General Electric Power Call is a high gain, solid-state, audio amplifier which, when connected to a MASTR II mobile radio, will boost received messages up to 45 watts through two, externally mounted, weatherproof speakers. It may also be used independently (with or without a mobile radio) as a powerful, 45 watt, public address system. When used without a mobile radio a suitable mobile microphone must be separately furnished.

Power Call is built to withstand rough, around-the-clock service. It has plated-through circuit boards, finned aluminum heat-sinks, locked-on connectors, cast aluminum case, & heavy-gauge brackets. These make it possible for the unit to withstand a 5G torture test. . . .twice the industry standard!

Conveniently mounted on the unit's vertical front surface are two substantial control knobs and a large rectangular power-on indicator light. The size and position of these controls provide for ease of mode selection and discernable operational status.

Each unit is supplied with an interconnect cable, mounting bracket and a speaker system complete with wiring and hardware. One or two speakers of four different types may be specified as described on the reverse side of this page. The standard models have direct plug-in provisions for MASTR II and Executive II control units and Custom MVP mobile units. By application of a factory modification, the same model can be used with other GE mobile or Porta-Mobil radios.

POWER CALL/SIREN

The Power Call/Siren has all of the features and functions of the basic Power Call unit and, in addition, it provides a powerful, conservatively rated, four-mode siren.

Its front control surface has two knobs and a rectangular indicator panel similar to the basic unit. However, this panel is a combination pushbutton/indicator. Also, the righthand knob has four more positions to select one of the four different siren modes available.

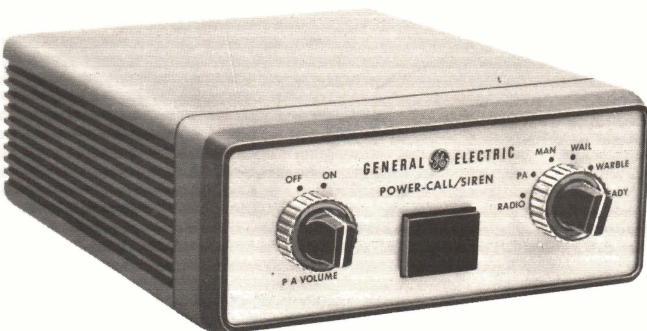
In the STEADY switch position, the siren will sound with an uninterrupted tone of approximately 1000 Hz. The WARBLE position causes the siren tone to cycle from approximately 650 Hz to 1000 Hz at the rate of about 6 times per minute. When switched to WAIL the output tone will rapidly vary from 0 to 1000 Hz every 1/2 second.

When the unit is turned on and the selector switch is in the STEADY, WARBLE or WAIL position, the siren will run continuously in the mode selected.

In the MAN (manual) position, the siren will remain silent until the panel pushbutton is depressed. When activated, the siren output starts at 0 and builds up to 1000 Hz in 6 seconds. Then it will hold steady at 1000 Hz as long as the panel switch is held. Release of the switch allows the siren to continue to sound for 12 seconds while the tone frequency changes slowly toward zero. If desired by the user, the vehicle's horn-rim or an auxiliary footswitch may be wired into the control unit to obtain remote activation of the "manual" siren mode.



POWER CALL (PA Series)



POWER CALL/SIREN (SA Series)

GENERAL  **ELECTRIC**



certified and guaranteed

OPERATING SPECIFICATIONS

POWER CALL AND POWER CALL/SIREN

MODEL SERIES

PA	Audio Amplifier Only
SA	Audio Amplifier plus Siren

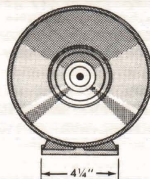
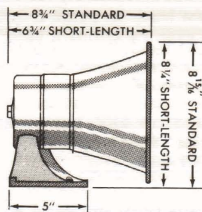
COLOR:	Moonstone brown case, brushed aluminum front panel		
DIMENSIONS (H x W x D):	2-3/4 x 6-1/2 x 7-1/2 ins. (7 x 16.5 x 19 cm)		
WEIGHT (APPROXIMATE):	7-1/2 lbs. (3.4 kg)		
DUTY CYCLE:	Continuous		
TEMPERATURE RANGE:	Operable over a temperature range of -30°C to +60°C (-22°F to +140°F)		
INPUT POWER:	12 VDC (nominal).		
LENGTH OF POWER CABLES:	8 feet (2.4 m)		
LENGTH OF INTERCONNECT CABLE:	3 feet (0.9 m)		
AUDIO INPUT:	Via interconnect cable (provided) to the microphone jack of a MASTR II, Executive II "S" Series or Custom MVP mobile combination. Or, may be operated as a PA with just a MASTR II microphone.		
With Option 7054:	May be used with a Progress Line, MASTR Professional, Executive, Royal Executive or Executive II "R" Series mobile.		
With Option 7053:	May be used with Porta-Mobil or Porta-Mobil II combinations.		
OUTPUT IMPEDANCE:	5 ohms		
AUDIO DISTORTION:	Less than 10% at rated output		
FREQUENCY RESPONSE:	±3 dB from 300 to 3000 Hz, 1000 Hz reference.		
SIREN TONE FREQUENCY:	Selectable, 0 to 1000 Hz (squarewave)		
POWER OUTPUT*/BATTERY DRAIN:	With 13.6 VDC Supply	Power Amplifier	Siren
	1 Speaker	35 Watts/5.3A	55 Watts/6.5A
	2 Speakers	45 Watts/6.5A	85 Watts/10.0A

*Measured across resistive load.

STANDBY BATTERY DRAIN: 0.85A

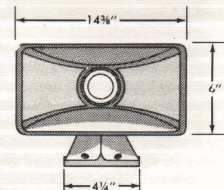
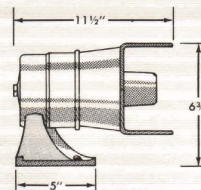
SPEAKERS

VOICE COIL IMPEDANCE:	10 ohms @ 400 Hz
VOICE COIL DC RESISTANCE:	1.6 ohms ±15%
POWER RATING:	75 watts
SPEAKER TYPE:	Reentrant horn, weatherproof
LENGTH OF SPEAKER CABLE:	20 feet (6 m) <i>When 2 speakers are furnished, the 2nd speaker is supplied with a 10 ft. (3 m) cable.</i>
WEIGHT:	6-3/4 lbs. (3.1 kg)



Standard & Short-Length Speaker

Standard Length speakers available in grey enamel or chrome plated finishes. Low-Profile and Short-Length speaker available in grey enamel only.



Low-Profile Speaker

MOBILE RADIO DEPARTMENT
GENERAL ELECTRIC COMPANY • LYNCHBURG, VIRGINIA 24502

