



Federal Signal Vama's **PA300** is the industry standard for reliability and ease of use.

For an electronic siren you can trust, specify the **PA300** from Federal Signal Vama. Combining Federal Signal Vama's years of experience with the latest solid-state components gives the most efficient and economical siren available.

Integrated circuits and silicon output transistors give the PA300 exceptional performance and durability under a wide range of environmental conditions. The PA300 is also protected against all failure modes, including reversed polarity, by a fuse that can be replaced without tools.

All PA300 models can provide 58-, 100-, or 200-watt output. The siren can operate from any 12-volt positive or negative ground vehicle electrical system. The PA300 can be powered via the vehicle's power distribution center or directly from the vehicle's battery.

A wide range of features, including all basic siren tones, TAP II, PA, radio rebroadcast, and "air horn" sound with siren override, are provided in a compact package. The wired-in noise cancelling microphone produces high quality voice reproduction without feedback squeal. The microphone's push-to-talk switch overrides any siren signal for instant PA use. Radio and PA volume can be adjusted with the front panel GAIN knob.

Federal Signal Vama's TAP II feature adds effective traffic clearing capability at intersections. A front panel switch activates the electronic "air horn" or "peak-and-hold" in any siren mode except radio.

Each PA300 comes equipped with a swing bracket that enables mounting in a variety of positions. There are no protruding components to interfere with mounting arrangements, and the radio interconnect wires are built-in so there is no need to purchase additional cables.

An optional stainless steel bezel is available for flush mounting, and a variety of switch controls that mount flush to the PA300 are also available.

QUICK REFERENCE

FEATURES

- Full-featured siren with "air horn sound".
- Built-in front panel microphone.
- Illuminated non-glare control panel.
- Priority tone available (PA300MSC-PTY).

APPLICATIONS

- Police vehicles.
- Fire apparatus.
- Ambulances.

PA300 ELECTRONIC SIREN

SELECTOR SWITCH FUNCTIONS

RADIO - Incoming radio messages are amplified by the siren and rebroadcast over the outside speaker.

MANUAL - Siren may be activated by the HORN/SIREN switch or the vehicle's horn ring.

WAIL - Continuous «wailing» up and down in pitch.

YELP - Continuous rapid «warbling» tone.

HI-LO - Distinctive two-tone sound.

PRIORITY- Easily recognized rapid Yelp tone.

HORN/SIREN- Up position activates electronic air horn sound and Down position activates peak-and-hold sound in any mode except radio.

TAP II FUNCTIONS

The TAP II feature enables the driver to change the audible siren sound via the vehicle's horn ring or any remotely mounted switch. The chart below demonstrates how the horn ring circuit may be used to change the siren sound.

	1st Horn Tap Produces	2nd Horn Tap Produces
Switch set to Wail	Yelp	Wail
Switch set to Yelp	Wail	Yelp

PRESS-AND-HOLD FUNCTION

Additional alternate sounds may be activated in two other selector switch positions. Depressing and holding the horn ring circuit produces the alternate sound for as long as desired. The chart below shows how the function works.

	Pressing Horn Produces	Releasing Produces
Switch set to HI-LO	Air Horn	Hi-Lo
Switch set to MANUAL	Peak-and-Hold or Air Horn	Silence or Coast down and Silence

HOW TO ORDER

1. Specify model.

PA300MSC -Electronic siren, 58/100/200 watt. Includes wired-in microphone, standard siren tones with air horn and radio rebroadcast.

PA300MSC-PTY- PA300MSC with Priority tone in place of Hi-Lo.

PA300MSC-24- 24-volt version of PA300MSC.

2. Order optional equipment (if necessary).

DSM- Stainless steel bezel for flush mounting PA300.

SW300 - Switch control with six SPST rocker switches.Mounts flush to PA300.

SW400SS - Switch control with slide-switch and four SPST rocker switches. Mounts flush to PA300.

SW400SSJ- SW400SS with three SPST and one momentary (JOG) switch.

FACTORY SET SPECIFICATIONS			
Input Voltage	Standby Current	Operating Current	Operating Temperature
11-16 VDC	120 mA with bulb removed	20 amps maximum	-30°C to 65°C

DIMENSIONS							
LENGTH		WIDTH		HEIGHT		SHIP. WEIGHT	
inches	cm	inches	cm	inches	cm	lbs	kg
7.6	19.4	6.1	15.6	2.3	5.9	6.5	2.9



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