

Audible / Visual combination...Horn/Strobe, Horn with LED Light

490SMT4 / 490SMT4-Ceiling / 290LFMT4/490S876/MT4VNW



Models shown:

490SMT4 (1)

490SMT4-Ceiling Mount (2)

290LFMT4 (3)

490S876 (4)

MT4VNW (5)

The above models, with visual signals available in red, amber, blue, clear, and green lens options utilize the MT4 electronic horn or the 876 Vibrating Horn to produce an attention grabbing alarm tone. The visual signal portion incorporates either a strobe (490S series, and MT4VNW), or a LED light source in a flashing or steady burning version (290 series). Available operating voltage options are either 120 volt AC, or the DC unit that will operate at 12 or 24 volt DC (24 Volt AC option for 490S876). A cast zinc weatherproof back box encases the horn electronics, and accommodates mounting of the visual signal (optional for MT4VNW).

Additional specifications of the various components can be found below:

490S Series Strobe:

- built-in RFI filters
- rain tight construction
- solid state power supply
- xenon strobe lamp
- two year warranty on power supply
- one year warranty on lamp
- available in six lens colors
- UL listed (all models)

The MICROSTROBE® family is a low profile, single flash, low cost strobe light which features a plug-in replaceable lamp and Lexan® lens. The high efficiency, solid state, power supply is fully potted in polyurethane for the ultimate in protection from moisture and vibration. All units are polarity protected and have built-in filters to protect against radio interference and spike voltages.

120 VAC Voltage and Amperage 120VAC draws 0.07A average for strobe only.
Power Supply Output 2.7 Watts 2.3 joules per flash
Flash Rate 60 to 80 flashes per minute
Size and Weight 5" tall x 3" dia. x 0.5 lbs for strobe only

24 VDC Voltage and Amperage 12-80VDC draws 0.4A average @ 12VDC, 24VDC is 0.2A for strobe only
Power Supply Output 2.7 Watts 2.3 joules per flash
Flash Rate 60 to 80 flashes per minute
Size and Weight 5" tall x 3" dia. x 0.6 lbs for strobe only

290 Series LED:

- 5-year warranty
- High power LED
- NEMA 4X
- UL Listed
- Wide AC and DC input voltage
- Lexan lens
- Steady-on or Flashing

The MicroLert features an integral inverted cone design to provide full 360 degree coverage. The MicroLert lens is engineered for maximum light output and color clarity, and allows more of the LED light to be projected out than do conventional Fresnel lenses. The tough Lexan lens is spun welded to the base to completely seal out moisture. The MicroLert is UL listed and manufactured to NEMA 4X specifications. It is available in five LED colors (amber, blue, green, red, and white); and in steady-burn or flashing models.

The MicroLert will operate over a wide AC and DC input voltage ranges. The DC version is designed to operate from 10-100 VDC and 16-36 VAC; the AC version from 85-265 VAC. The MicroLert is guaranteed against factory defects for a full 5 years.

Lamp Type LED

Flash Rate 75 NEOBE® flashes per minute - each flash containing 7 rapid bursts of light (approximately 560 ms "on-time" and 240 ms "off-time")

Voltage and Amperage 198 mA @ 24 VDC for Single Flash

040 mA @ 120 VAC for Single Flash

Operating Temperature -40 to 85 C.

MT4 Electronic Horn:

Alarm Tones

TONE ALARM TONES PATTERN DESCRIPTION

HORN BROADBAND HORN (Continuous)

BELL 1560 Hz MODULATED (0.07 sec. ON/Repeat)
MARCH TIME
HORN
HORN (0.25 sec. ON/0.25 sec. OFF/Repeat)
CODE-3 HORN HORN (ANSI S3.41 Temporal Pattern)
CODE-3 TONE 500 Hz (ANSI S3.41 Temporal Pattern)
SLOW WHOOP 500-1200 Hz SWEEP (4.0 sec. ON/0.5 sec. OFF/Repeat)
SIREN 600-1200 Hz SWEEP (1.0 sec. ON/Repeat)
HI/LO 1000/800 Hz (0.25 sec. ON/Alternate)

Description:

The Wheelock Series MT and MT Strobe Multitone electronic appliances offer a choice of eight (8) nationally and internationally recognized alerting sounds: Horn, Bell, March Time Horn, Code-3 Tone, Code-3 Horn, Slow Whoop, Siren or Hi/Lo Tone. The Code-3 Horn and tone patterns are engineered to comply with NFPA/ANSI Temporal Pattern specifications without requiring additional equipment. Depending on the tone selected, the db rating is potentially 99 dB @ 10'.

The MT4 has two installer selected sound output levels: STANDARD dBA and HIGH dBA. The DC voltage version provides selectable voltage capability in one unit, 12VDC or 24VDC.

Voltage and Amperage 50 mA @ 120 VAC max., 80mA @ 24 VDC max (tone dependant).

MT4VNW Electronic Horn/White Strobe:

Alarm Tones

STONE ALARM TONES PATTERN DESCRIPTION

HORN BROADBAND HORN (Continuous)
BELL 1560 Hz MODULATED (0.07 sec. ON/Repeat)
MARCH TIME
HORN
HORN (0.25 sec. ON/0.25 sec. OFF/Repeat)
CODE-3 HORN HORN (ANSI S3.41 Temporal Pattern)
CODE-3 TONE 500 Hz (ANSI S3.41 Temporal Pattern)
SLOW WHOOP 500-1200 Hz SWEEP (4.0 sec. ON/0.5 sec. OFF/Repeat)
SIREN 600-1200 Hz SWEEP (1.0 sec. ON/Repeat)
HI/LO 1000/800 Hz (0.25 sec. ON/Alternate)

Description:

The Wheelock Series MT4VNW Multitone electronic appliance with White Strobe offers a choice of eight (8) nationally and internationally recognized alerting sounds: Horn, Bell, March Time Horn, Code-3 Tone, Code-3 Horn, Slow Whoop, Siren or Hi/Lo Tone. The Code-3 Horn and tone patterns are engineered to comply with NFPA/ANSI Temporal Pattern specifications without requiring additional equipment. Depending on the tone selected, the db rating is potentially 99 dB @ 10'. The strobe is rated at 15 candela—available in white only.

The MT4 has two installer selected sound output levels: STANDARD dBA and HIGH dBA. Only available in 120 Volt AC. Optional WBB-S weatherproof back box is available. Will also mount on a standard 4 inch square electrical box for indoor use.

Voltage and Amperage 70 mA @ 120 VAC max.

876 Vibrating Horn:

Description:

The Edwards 876 (DC Voltage units available 877) Series are low-current, high decibel, vibrating horns for heavy-duty use and is UL listed to NEMA 4X enclosure requirements. The die-cast weatherproof box has a durable, corrosion resistant, electrostatic heat flowed powder epoxy gray finish. May be used for indoor applications. Mount on conduit or to any flat surface. Knockouts are located on the bottom and rear of the unit. Volume is adjustable from the 103 dB at 10 feet maximum rated output.

Voltage and Amperage 130 mA @ 120 VAC max.