



## ► Touchmaster™ I Series Sirens

### FEATURES

- Simplified switching controls for eyes-free ease of use.
- Automatic Component Protection (ACP®) prevents damage to the siren if a speaker short-circuits.
- Automatic power control keeps options instantly available without drawing power during standby.
- Tactile sensation when setting switches indicates positive on/off status.
- The ultimate in reliability and durability.
- Three-year warranty.

### Models for every need

Standard models are available, from either a basic toggle switch to a slide-bar for complete warning equipment control. Optional features may be specified for maximum customization.

### PA/Air Horn-Only System

Touchmaster model UTPA6 is available for applications where a siren is not needed. This unit provides you with Public Address, air horn sound, slide-bar control, and four on/off switches.

### Automatic Component Protection (ACP®)

By constantly checking for short-circuits, Automatic Component Protection (ACP) stops damage to Touchmaster sirens should a speaker fail. Remove the short and operation returns to normal—no need to replace fuses, output transistors, or reset the siren.

### SWEEP and LOCK Modes

The following special features are built into the Touchmaster siren: SWEEP mode makes the siren warning more noticeable by cycling through each of three sounds in six second intervals. The LOCK mode also speeds siren sound changes. With the siren activated, LOCK changes WAIL to continuous Yelp and HI-LO to continuous Hetro® until the original sound is restored with a tap of the horn ring. With Park Siren Deactivation, all siren sound is shut off automatically when the vehicle is shifted into Park, but all warning lights and PA/Radio functions remain active. (Order model UPKM-3 for Park Siren Deactivation)

### Additional Features

All Touchmaster models allow broadcast of two-way radio messages over the loudspeaker. (An optional mic adapter feature allows the radio microphone to be used for public address.)

During non-pursuit conditions, the BYPASS switch allows the operator to use the siren without activating the warning lights.

### Installation

Touchmaster units are designed for quick and easy installation. Mounting brackets, if ordered, are available to allow the siren to slide out after just a couple turns of the screws. All connections are individually labeled for identification, making installation a snap.



**1. Specify Touchmaster model (see chart below).**

**2. Specify optional features. Up to (8) functions can be performed. Order additions or changes by listing order codes after model to be ordered. (More options are available. Contact factory for information.)**

UOP13	Radio Power Control—switches radio from ignition-control to battery-direct during outside radio
UOP14	Siren Control Switch—add spring-return switch for controlling siren sounds and Sweep to slide-bar models only if horn ring connections are not made (No charge)
UOP20	Gun lock timer #GLT, plug-in
UOP21A	30-Amp on #2 switch
UOP21B	30-Amp on #3 switch
UOP25	Jog switches for Smart Vector
UOP100	Brake/back-up light cutoff with autodim indicator light

**3. Order optional equipment. (Contact factory for speaker mounting kits.)**

UMNCT-SB	Noise-Cancelling Microphone.
UMPDMT	Dual-Mode amplifier with cable

**4. Order common microphone adaptor (if necessary). Other mic adaptors are available. Contact factory for more information.**

ULM10	Motorola 9000/Syntor/Spectra
ULM16	Motorola Maxtrac 300T/Astro/Radius
ULM19	Motorola MCS2000

Specifications	
Input Voltage	11-16 VDC
Standby current	0A
Operating Current (amplifier)	7.5A (one 100W speaker) 14A (two 100W speakers)
Operating Temperature range	-30° C to 65° C
Frequency Range	500 Hz to 1650 Hz
Nominal Cycle Range	Wail – 11 cycles per min. Yelp – 240 cycles per min.
Nominal Voltage Output	64V peak-to-peak (siren tones)
Audio Frequency Response	300 Hz to 3,000 Hz (±3 dB)
Input Impedance	4,000 ohms (nominal)
Current Ratings	Slide-bar outputs (progressive) Position 1 – 20A Position 2 – 20A Position 3 – 20A Progressive Total – 60A Toggle switches – 20A each

Physical Specifications	
Height	2.4 in (6.2 cm)
Width	6.5 in (16.5 cm)
Depth	5.4 in (13.8 cm)

Ship Weight	
	5.0 lbs (2.3 kg)



The Unitrol slide switch provides a tactile, long lasting way to control lighting and siren functions (available on most models).



All connections are plainly labeled to speed installation.

Touchmaster Models and Features

Description	UTM1	UTM3	UTM4	UTM4-0	UTM4-1
5 Siren sounds, horn ring control, 5-second override, Sweep/Lock, Siren Kill, air horn, Alarm, direct-access P.A., flashing indicators, "Clicker", dimmable panel lights, ACP	✓	✓	✓	✓	✓
15A toggle switch for warning light or headlight flasher	✓	—	—	—	—
60A slide-bar for lightbars and multiple lights	—	✓	✓	✓	✓
Circuit breakers required and supplied	—	1	2	2	2
Gun lock release switch, ignition-controlled	—	—	✓	✓	—
On/off switches for floodlights and accessories	—	—	✓	✓	✓
Accessory switch functions shown on faceplate	—	—	✓	—	—
Total system switching capacity (in amperes)	35	80	205	205	160

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Sirens and Speakers may cause hearing damage. Wear hearing protection.

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