

TOUCHMASTER™ DELTA SIREN



The Touchmaster™ Delta delivers exceptional product value at an affordable price.

Unitrol's Touchmaster™ series of sirens and public address systems provide the ultimate in reliability, functionality, and ease of use. The Touchmaster Delta takes these highly valued; yet standard Touchmaster features to the next plateau by adding tactile rubberized push-button switches with easy-to-read, backlit legends.

The Touchmaster Delta, model UTMD is a totally enclosed siren system designed to provide unmatched light and siren control to any 12-volt negative ground vehicle electrical system. The siren produces five distinctive Unitrol siren sounds; Wail, Manual Wail, Yelp, Futura, and Ultra Hi-Lo and also allows for light control through six push-button relay switches located on the unit's face panel. The principal light and siren-controlling device on the Touchmaster Delta is the rugged and time-tested 60 amperes (progressive) slide switch, which allows the Delta's total system switching capacity to reach 180 amperes.

STANDARD FEATURES

In addition to special siren and light control, the UTMD is supported by several standard features not always offered in

competitive siren product such as; SWEEP, Park Siren Deactivation, Air Horn sound, Alarm, Radio/PA, TEST, and advanced ACP (Automatic Component Protection). Special features also available with the Touchmaster Delta include strobe compatibility; eight-second shot gun timer delay and dual tone capability.

With effective warning and operator safety as primary concerns, the Touchmaster Delta offers Override (O/R) or SWEEP, features that were created to improve effective traffic management at potentially dangerous intersections. Through horn ring activation, (or user supplied manual switch) the siren operator has the option of continuously cycling through three siren tones at six second intervals (SWEEP), or (O/R) upgrading the tone urgency for eight seconds before a second touch to the horn ring that returns the unit to its original tone setting.

Other important Delta features include Alarm, a special non-siren tone that can warn the operator if the vehicle is being tampered with or of high inside vehicle temperature if K-9's are involved. TEST; depressing the TEST switch

QUICK REFERENCE

FEATURES

- Totally enclosed siren/light control operation.
- Rugged time-tested 60 amperes slide switch (progressive).
- Six rubberized, durable 20 amperes push button auxiliary switches.
- Five unique, distinctive Unitrol emergency warning tones.
- Effective Override/Sweep intersection management tone functions.
- Advanced TEST, ACP Automatic Component Protection.
- LED indicators and adjustable back lit face plate.
- Accessible Radio/PA adjustable volume control.
- Low operating, zero standby current.
- Quick, low cost vehicle installation.

APPLICATIONS

- Police vehicles
- Fire vehicles
- Volunteer vehicles

RELATED PRODUCTS

- "BP" Series Compact Speakers
Bulletin #6101
- DynaMax™ Speakers
Bulletin #6102
- Headlight and taillight flashers
Bulletin #3301
- Intelli-Flash™ Flasher
Bulletin #3302
- Cuda TriOptic™ LED Lighting
Bulletin #4170
- Grille Lights
Bulletin #4110
- Delta Ray
Bulletin #4160

will send a short siren tone burst through the vehicle's speaker to insure proper siren operation. ACP; with Automatic Component Protection, the siren continually checks for short-circuits between the amplifier and the speaker. Once the "short" is repaired the siren returns to normal operation without replacing fuses, transistors or resetting the siren. Adjustable Radio/PA; whether you want to rebroadcast radio calls or make a public address announcement through the vehicle speaker, the volume control switch is readily available as a rotary switch on the siren's face plate.

AUXILIARY FUNCTIONS/LIGHTING

The Touchmaster Delta delivers solid light and siren control through the siren's four-position slide switch and six 20 amperes push-button switches. Well

known for its ruggedness and reliability, the Delta slide switch offers three 20 amperes (progressive) switch positions for a total of 60 amperes. LED indicators advise as to which slide switch position is activated. The six backlit and rubberized push button accessory switches provide 20 amperes of auxiliary switching at each switch location. The five left switches are latching (push once to activate, press a second time to de-activate) and the sixth switch is a momentary type.

INSTALLATION

Touchmaster Delta sirens are designed for quick and easy installation. All connections are secured, made to the back of the unit, and are individually labeled for easy identification.

How To ORDER

1. Specify model.

UTMD Touchmaster Delta siren, 100/200-watt fully featured siren with added light control.

| SPECIFICATIONS | | | | | | | | | | | |
|----------------|--------|-----|-------|------|-------|------|--------------|---------------|-------------------|-----------------|--------|
| | Height | | Width | | Depth | | Ship. Weight | Input Voltage | Operating Current | Standby Current | |
| | in. | cm. | in. | cm. | in. | cm. | lbs. | kg. | | | |
| All Models | 2.4 | 6.2 | 6.5 | 16.5 | 5.4 | 13.8 | 5.0 | 2.3 | 11-16 VDC | 0-180 amps | 0 amps |

- Input voltage11-16 VDC
- Standby current0 amps
- Operating current (amplifier)7.5 amps (one 100 watt speaker)
14 amps (two 100 watt speakers)
- Operating temperature range-30°C to 65°C
- Frequency range500 Hz to 1650 Hz
- Nominal cycle range
 - Wail11 cycles per minute
 - Yelp240 cycles per minute
- Nominal voltage output64V peak-to-peak (siren tones)
- Audio frequency response300 Hz to 3,000 Hz (±3 dB)
- Input impedance4,000 ohms (nominal)
- Current ratings:
 - Slide-bar outputs (progressive):
 - Position 1.....20 amps
 - Position 2.....20 amps
 - Position 3.....20 amps
 - Progressive total.....60 amps
 - Accessory switches20 amps each



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