



U3500 UNDERCOVER SIREN & CONTROLLER



The U3500 is a remotely switched siren system designed specifically for undercover police applications. The small 5-position rotary switch is configurable, allowing the user to choose from a wide variety of tones and siren functions. The modular plug-n-play Omega™ U90 amplifier offers the versatility to be used fleet wide as it is compatible with any FS/Unitrol Omega style controller.

Ideal for Undercover Applications

The showpiece of the U3500 siren is a versatile 5-position rotary switch assembly that can be configured for two different modes of operation using a jumper on the back side of the PC board. The U3500 default for the horn ring is the emergency vehicle OEM horn sound. In addition, the operator can use the rotary switch to enable up to 30-amperes of light control, add Wail tone in position 3 and change the Wail tone to the Yelp tone in position 4. By moving the jumper on the UM3500 controller board, the horn ring tone becomes Manual Peak-n-Hold when depressed and the horn ring transfer function becomes enabled. When the Wail tone is active, depressing the horn ring turns the tone to Yelp for 10 seconds, then back to Wail. If the Yelp tone is active, depressing the horn ring turns the tone sound to Futura (fast Yelp) for 10 seconds, then back to the Yelp tone. There is a separate "foot switch" wire available to allow additional Air Horn sound activation.

Reliable Fleet-Wide Versatility

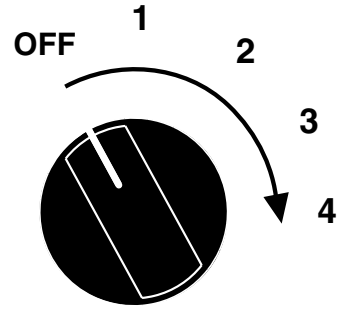
The amplifier used in the U3500 siren is the highly reliable and time tested FS/Unitrol Omega U90. This 100/200-watt amplifier can be installed into any 12V negative chassis vehicle and comes complete with FS/Unitrol ACP®, (Automatic Component Protection). This function prevents damage to the amplifier in case a speaker shorts out. The U90 amplifier is compatible with all other FS/Unitrol Omega siren controllers making this amplifier product versatile enough to be used for years over a variety of emergency vehicle applications.

> Features

- Small and concealable, ideal for undercover operations.
- Flush mount 5-position rotary switch.
- Includes Wail, Yelp, Futura, Manual Peak-n-Hold and Air Horn.
- 100/200-watt, with 2-10 amp light controller circuits.
- Built-in short circuit protection (ACP®)
- Two undercover operational modes and foot switch activation.
- Plug-n-play – 4-ft or 18-ft cable lengths available.

> How to Order

- U3500-4** Undercover siren system with 4-ft controller cable harness included
- U3500-18** Undercover siren system with 18-ft controller cable harness included
- UM3500** Controller, 5-position undercover switch



FS/Unitrol Omega U90 Amplifier	
Specifications	
Power	100/200W
Current Draw	0-20A (max)
Standby Current	20 mA
Input Voltage	12 VDC
Height	10.5 in (26.7 cm)
Ship Weight	
	4.0 lbs (1.8 kg)
Physical Specifications	
Height	2.6 in (6.6 cm)
Width	4.3 in (10.9 cm)
Depth	4.5 in (11.4 cm)

Switch Position	Function with Jumper Position 1	Function with Jumper Position 2
1	Turns on rear warning lights	Turns on rear warning lights
2	Adds the front warning lights	Adds the front warning lights
3	Adds the Wail siren tone	Changes the Wail siren tone to Yelp
4	Changes the Wail siren tone to Yelp	Changes the Yelp siren tone to Futura (fast Yelp)

FS/Unitrol UM3500 Controller (PCB dimensions)	
Ship Weight	
	0.5 lbs (.23 kg)
Physical Specifications	
Height	1.25 in (3.2 cm)
Width	2.38 in (6.0 cm)
Depth	0.06 in (0.16 cm)

