



**Model:
XA500**

Gethru introduces XA500 remote siren amplifier to US market

Gethru Technology releases its XA500 siren amplifiers to US market. Based on the successful amplifier designed and sold in the past, Gethru Tech's XA500 is a reliable and low cost siren

XA500 siren amplifier and handheld controller



amplifier that is confidently capable of producing effective warning for your emergency vehicles. Together with standard 11-ohm speakers, XA500 can be

wired for 2 x 100 watt speakers to reach 200 watts output.

The remote amplifier is designed to be mounted away from the front dash area. Mounting at a remote location such as the trunk helps to spare the space around the driver seat. Simple straight through RJ45 with 8 conductor cable is used to connect the handheld controller to the amplifier.

On the handheld controller, a PA pushbutton activates instant public address function. A thumbwheel rotation switch can turn the system power on and off as well as control the PA volume. Ignition switch can also control the system power to save energy while engine is off. Via single or double depressing

on the left pushbutton, XA500 can produce manual siren tone with peak & hold and coast-down sound or activate the siren tone with five different siren tone selection (HiLo can be added if needed). In addition, the coast-down tone can be disabled through the handheld controller.

Similarly, single or double depressing on the right pushbutton, XA500 produces air horn sound or three second intermittent air horn sound to maximizing the warning effect to the road condition.

Besides, XA500 also provides auxiliary tone control through the use of the horn ring switch which can imitates the same function of either the siren or air horn pushbutton. That means to activate the siren tone or air

Introduction to XA500 siren amplifier

horn tone with the horn ring switch. A jumper switch located in the amplifier facilitates the horn-ring control selection.

As to the circuit protection in XA500, In addition to the reversed power line polarity is protected, it also includes the speaker short circuit, load dump protection. Many times, the amplifier is damaged due to the

cause of speaker failure. With the speaker short circuit protection, 99% amplifier failure can be eliminated. Siren tone can be reinitiated as soon as the short circuit condition is removed.

A fuse is also installed inside the amplifier. It protects the entire system from over current.

Although XA500 is a low cost

Compact handheld controller contains PA, pushbuttons and power control.



Special features of XA500 remote siren:

- > 200 Watt Remote Siren Amplifier
- > Public Address
- > Four Siren Tones and AH
- > Speaker Short Circuit Protection
- > Park Siren Deactivation
- > 3 Second Intermittent Air Horn Warning
- > Horn Ring Switch Siren Control

Seven Different Tones

Alert Tone	Yes
Wail Tone	Yes
Yelp Tone	Yes
HiLo Tone (optional)	Yes
Pierce Tone	Yes
Manual Peak and Hold	Yes
Coast Down	Yes

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SPECIFICATION

- **200 WATT ELECTRONIC SIREN AMPLIFIER WITH PUBLIC ADDRESS**
- **115 DB SPL SOUND OUTPUT MEASURED AT 1 METER**
- **DC 11 ~ 16 VOLT INPUTS, FOR NEGATIVE GROUNDED VEHICLES**
- **THREE SELECTABLE AIR HORN TONES**
- **COAST DOWN TONE EN/DISABLE**
- **USE SINGLE/DOUBLE DEPRESS TO ACTIVATE DIFFERENT TONES**

Gethru Technology
-world class siren amplifiers

XA500 Siren Amplifier



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XA500 Siren Amplifier

siren, it also provides some programmability for users to use, including coast-down tone on/off with the peak and hold manual siren activation. Furthermore, XA500 provides three different air horn tone to select. Some users like to have low frequency air horn tone and the others may like the higher pitch tones. XA500 allows the user to select the air horn tone based on his or her preference. The air horn programming is easily to be carried out through the pushbuttons on the handheld controller.

If necessary, XA500 reserves a

dedicated ground input line to trigger the "park siren deactivation". Shifting the gear to ground can bring this line to ground so as to deactivate the siren tone immediately.

Horn ring switch-in and out are reserved for the horn switch to feed the 10 ampere horn power line to wire through. With the XA500 power off, the horn can keep the regular vehicle honk to function. While XA500 is turned on, the horn switch will feed through an internal relay to bypass the regular horn honk and trigger the internal elec-

tronics with either siren or air horn activation by selecting different jumper settings.

Low power and low cost straight through popular RJ45 cable can be used to extend the distance between the handheld controller and the amplifier. Pluggable and detachable connectors make the installation job quick and easy.

Contact us if any question.

Or call to order today. Phone: 425-440-8280 or order online.

Email: service@gethru.com



XA500 Siren
Low Cost !
Versatile Features !
Your Best-Buy Siren !