# **WPA Series Sirens & Control Heads**



# **ELECTRONIC SIRENS WITH PUBLIC ADDRESS**

WPA Series Sirens and Control Heads are engineered to withstand the harsh environmental conditions typical of motorcycle or marine applications.



#### **FEATURES**

- Four tone siren: Wail, Yelp, Piercer, and Airhorn. Also includes public address and radio repeat
- PA override on all functions
- Manual override
- · Emergency light switches
- Hands-Free capability. Cycle through siren tones using the horn button, manual control, and auxiliary switch for hands free usage
- Easy to install with pre-wired weather resistant connector, 8" wiring pigtail, and in-line fuse/holder

## **CONTROL HEADS**

- · Compact, fully encapsulated control heads feature entirely sealed rotary switches, toggle, and PA volume control
- Three position toggle switch on WPA1 and WPA2 enables control of siren only functions or combined siren and light operation
- · Removable noise cancelling microphone included

### **AMPLIFIERS**

 Extruded aluminum housings resist environmental damage



Control Head: WPA1, WPA2, WPA3BM

VDC: 10 to 32 (WPA1, WPA2) or

10 to 16 (WPA3BM)

Input Current: 500mA (max.)

Output Voltage: 1.4V lower than the input Voltage

**Output Current:** 500mA (max.) Operating Temp: -30° C to +60° C Operating Humidity: 100% non-condensing Operating Short Pro: 500mA POLYFUSE Weight: 1.25 lbs (.5kg)

Amplifier: WPA112, WS321

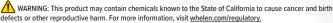
Warranty:

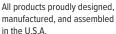
VDC: 12.8 +/- 20% (WPA112) or

12.5 +/- 20% (WS321)

2-Year warranty







• ISO 9001 Registered QMS

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## **CONTROL HEAD MODELS**

WPA1	Control head is weather resistant for handlebar and surface mount applications, 7.5' cable, and connectors, 1.6875" (43mm) H x 2" (51mm) D x 4.25" (108mm) W
WPA2	Control head is weather resistant for marine surface mount applications, 20' cable, and connectors, 1.6875" (43mm) H x 2" (51mm) D x 4.25" (108mm) W
WPA3BM	Control head is suitable for marine applications and includes weather resistant switches, microphone jack, bail mount, and 20' cable, 3.635" (92mm) H x 4.128" (104mm) D x 7.128" (181mm) W (without bail bracket)

### **OPTIONS**

WSMIC321	Microphone for WS321
BETA2BKT	Flush/surface mounting bracket for WPA1 and WPA2

## **SIREN TONES**

Tone	Frequency	Sweep Rate
Wail	500Hz - 1500Hz	12 Cycles / Minute
Yelp	500Hz - 1500Hz	180 Cycles / Minute
Piercer*	500Hz - 1500Hz	800 Cycles / Minute
Hi/Low*	500Hz - 1500Hz	50 Cycles / Minute
Airhorn	500Hz - 1000Hz	Constant

\*Hi/Low tone may be substitued for Piercer tone if required. Specity on ordering.

#### Amplifier WPA112, WS321 Continued:

Input Current: 10mA(typ.)/8A (max.) (WPA112) or

n/a/8A (max.) (WS321)

Output Voltage: 34V RMS (max.) Speaker Impedance: (1) 11 ohm

Output Power: 105 watts (max.)

Control Voltage/Currant: Input Voltage/125mA (typ.) (WPA112)

Output Short Pro: 500mA auto reset (WPA112) Input Fuse: 10 A auto fuse / spade type,

coveredin-line connector - customer

supplied mounting

Operating Temp: -40° C to + 70° C (WPA112) or

-30 C to +60 C (WS321)

Operating Humidity: 95% non-condensing (WPA112)

99% non-condensing (WS321)

Weight: 2.9 lbs (1.32kg) Warranty: 2-Year warranty





Code No. P10472 L - 8/2023