

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



WPA3BM



WPA1

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
- Two year warranty

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
- Weight: 1.25 lbs. (.5kg)

AMPLIFIERS

- Extruded aluminum housings resist environmental damage
- 100 watt, 12 VDC
- Weight: 2.9 lbs. (1.32kg)

AMPLIFIER MODELS

WPA112	Remote amplifier for a single 100 watt speaker - works with WPA1, WPA2, WPA3BM, and customer supplied switching	2.875" (72mm) H x 3.5" (89mm) D x 7.375" (187mm) W
WS321	Remote amplifier for Harley-Davidson® wiring harness	2.875" (72mm) H x 3.5" (89mm) D x 7.375" (187mm) W

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		180 Cycles / Minute
Piercer*		800 Cycles / Minute
Hi/Low*		50 Cycles / Minute
Airhorn	500Hz - 1000Hz	Constant


*Hi/Low tone may be substituted for Piercer tone if required. Specify on ordering

CONTROL HEAD SPECS

Model	Input Voltage (VDC)	Input Current	Output Voltage	Output Current	Operating Temp	Operating Humidity	Operating Short Protection
WPA1	10 to 32 VDC	500mA (max.)	1.4V lower than the input Voltage	500mA (max.)	-30° C to +60° C	100% non-condensing	500mA POLYFUSE
WPA2							
WPA3BM	10 to 16 VDC						

AMPLIFIER SPECS

Model	Input Voltage (VDC)	Input Current: Standby/ Siren	Output Voltage	Speaker Impedance	Output Power @15VDC	Control Voltage / Current	Output Short Protection	Input Fuse (Customer Supplied) / Mounting	Storage / Operating Temperature	Operating Humidity
WPA112	12.8 +/- 20%	10mA (typ.) / 8A (max.)	34V RMS (max.)	(1) 11 ohm	105 watts (max.)	Input Voltage/ 125mA (typ.)	500mA auto reset	10 A auto fuse / spade type, covered in-line connector	-40° C to +70° C / -30° C to +60° C	95% non-condensing
WS321	12.5 +/- 20%	n/a / 8A (max.)				n/a	n/a			99% non-condensing

 **WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

WHELEN

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• ISO 9001 Registered QMS