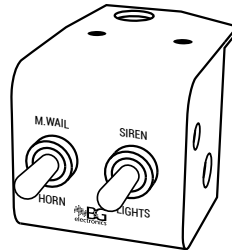
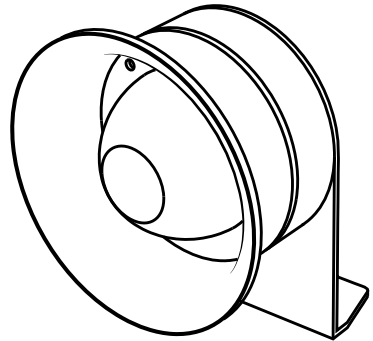


MPA-SOM v3

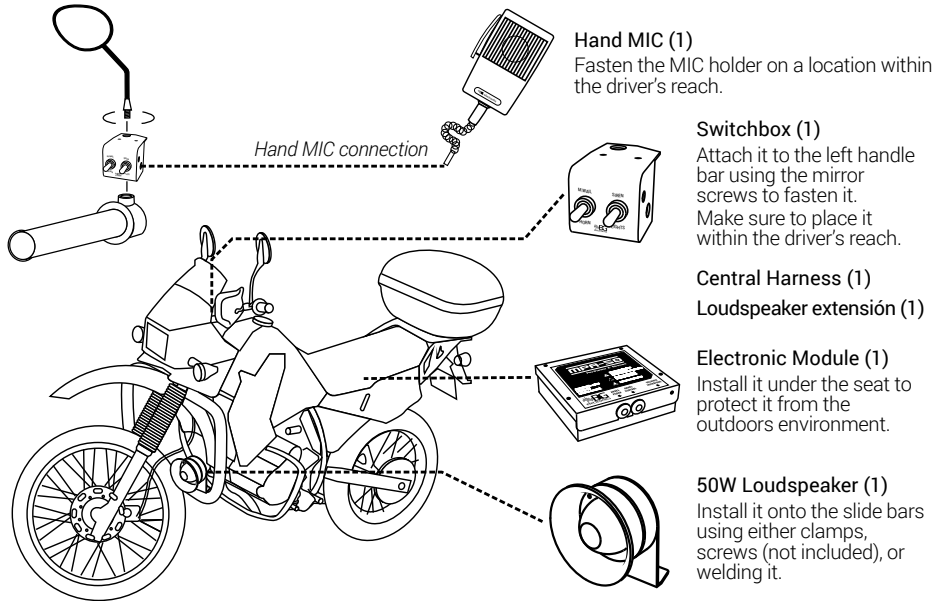
INSTALLATION AND OPERATION MANUAL English



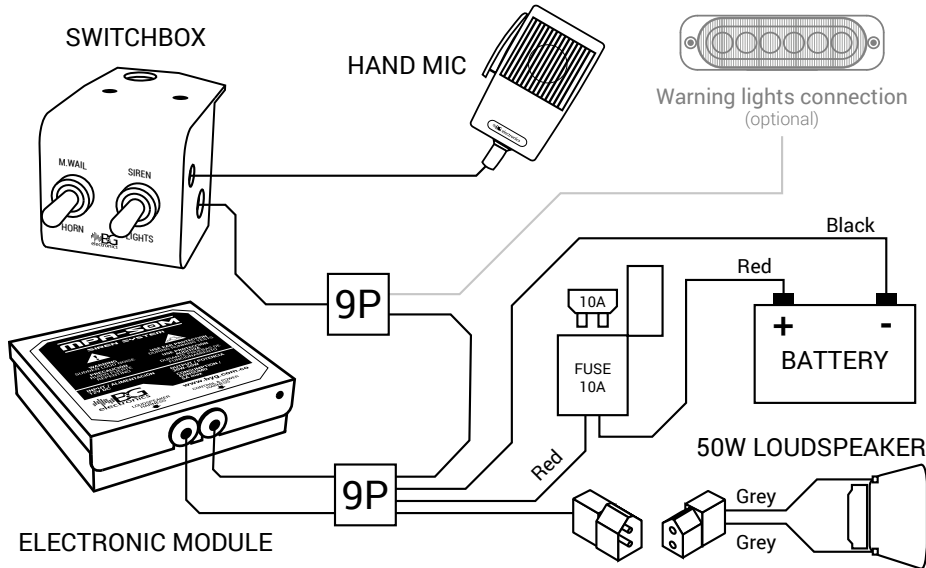
PROFESSIONAL SIREN SYSTEM FOR MOTORCYCLES

PLEASE READ BEFORE USING THE EQUIPMENT

COMPONENTS AND INSTALLATION



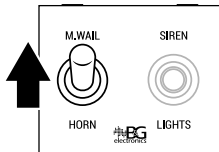
CONNECTION DIAGRAM



ACTIVATION OF FUNCTIONS

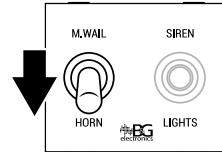
Reproduction of the M.WAIL sound

ON: Pull up & hold
OFF: Release



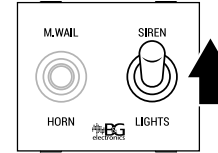
Reproduction of the HORN sound

ON: Pull down & hold
OFF: Release



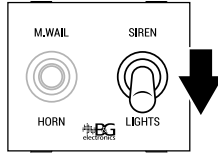
Reproduction of the SIREN sound

ON: Pull up & release
OFF: Pull down to middle position & release



Warning lights activation (optional)

ON: Pull down & release
OFF: Pull up to middle position & release



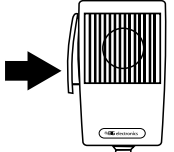
NOTE 1: The activation of HORN overrides other functions. Once HORN is released, the equipment returns to the function previously executing when HORN went on.

NOTE 2: If there is a warning lights set connected to the system, when SIREN is activated the warning lights will go on automatically.

Public Address function

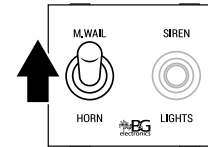
Enables communication through the Hand MIC, amplifying the audio on the loudspeaker.

ON: Press and hold the side button (PTT)
OFF: Release PTT

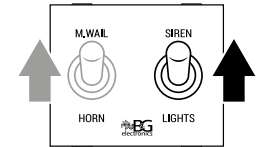


CHANGING BETWEEN MODES FOR SIREN TONE SELECTION

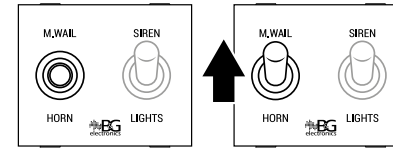
The equipment offers two modes for changing the SIREN tone (modes are explained further ahead). To select the mode of your preference, follow the steps below.



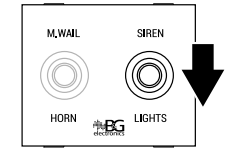
1. Press and hold M.WAIL.



2. While M.WAIL is held down, pull up SIREN.
• If it beeps once: The equipment is in Mode 1.
• If it beeps twice: The equipment is in Mode 2.

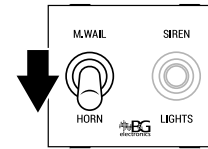


3. Press and release M.WAIL to switch between modes.

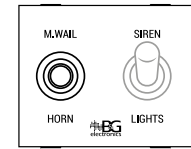


4. Once the preferred mode is selected, pull down SIREN to its central position.

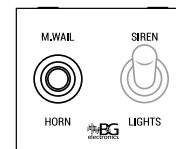
MODE 1: Setting up the SIREN tone



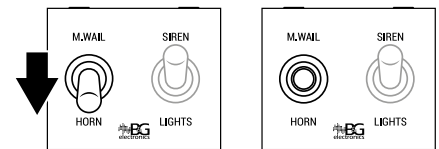
1. Press and hold HORN.



2. While HORN is held down, pull up SIREN. HORN will stop sounding, indicating that you have entered SIREN configuration mode.

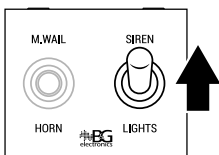


3. Release HORN, the current SIREN tone will start.

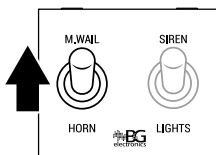


4. Press and release HORN to switch among tones (PHASER, WAIL, Hi-Lo & YELP). Once the tone is selected, pull down SIREN to its central position to leave configuration mode.

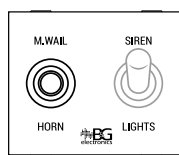
MODE 2: Setting up the SIREN tone



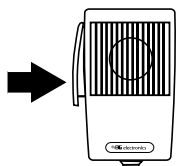
1. Pull up SIREN.



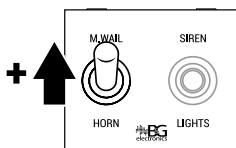
2. While SIREN is active, press and release M.WAIL to switch among the available tones (PHASER, WAIL, Hi-Lo & YELP).



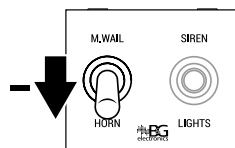
PUBLIC ADDRESS VOLUME ADJUSTMENT



1. Press and hold the PTT button on the Hand MIC.



2. While PTT is held pressed, pull up the switch to M.WAIL to raise the volume, and pull down the switch to HORN to lower the volume.



3. Release PTT to leave configuration mode. The volume level selected upon releasing PTT will be saved by the equipment.

Energy Saving Mode

The equipment continuously tracks the incoming voltage status, if the voltage drops below 11V the equipment enters energy saving mode. While on this mode, upon pressing the switch the functions will not execute and the equipment will beep 2 times.

Once the incoming voltage is over 11V, the equipment returns to normal operation.

TECHNICAL SPECIFICATIONS		
ELECTRONIC MODULE	OUTPUT POWER	46 W
	AMPLIFIER	D class
	INPUT VOLTAGE	11 - 15 V DC
	POLARITY	Negative to earth
	TEMPERATURE RANGE	0 - 60 °C
	CURRENT CONSUMPTION	4 A (max)
	WEIGHT	200 g
SOUNDS	WAIL (800 - 1670 Hz), PHASER (1100 - 2450 Hz), YELP (1030 - 1650 Hz), Hi-Lo (820 - 1150 Hz), HORN (580 - 1550 Hz), & MANUAL WAIL (800 - 1670 Hz)	
SWITCHBOX	SWITCHES (2)	MOM/OFF/MOM (1) ON/OFF/ON (1)
	CONTACT	50 mΩ (max)
	ISOLATION	500 V DC 1000 MΩ
	TEMPERATURE	-25 - 85 °C
	DIMENSIONS	44 x 92 x 46 mm 1.7" x 3.6" x 1.8"
LOUDSPEAKER	IMPEDANCE	8 Ω
	FREQUENCY RESPONSE	500 Hz - 10 kHz
	SOUND PRESSURE LEVEL	108 ±3 dB 1w/m @1.5 kHz
	DIMENSIONS	113 x 132 x 96 mm 4.4" x 3.8" x 5.2"
	WEIGHT	1130 g

B&G ELECTRÓNICA | ONE YEAR LIMITED WARRANTY

BYG Electrónica S.A.S. guarantees that this product leaves the factory free from defects related to materials and manufacturing. If a failure related to materials and manufacturing were to occur during the period of one year after the date of purchase, BYG Electrónica S.A.S. would repair or replace the failing equipment free of charge.

This warranty shall be voided if the product is modified, tampered with, misused, or subjected to abnormal working conditions. This warranty does not cover physical damage to the product surface. This warranty does not apply when the malfunction results from the use of this product in conjunction with accessories, other products, or peripheral equipment not designed by BYG Electrónica.