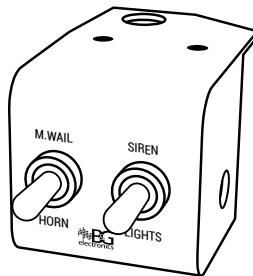
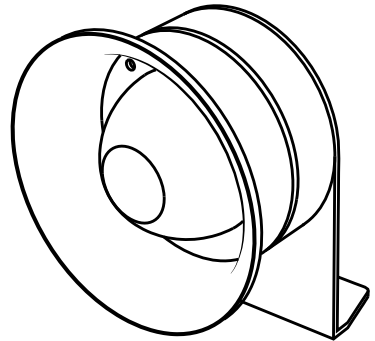
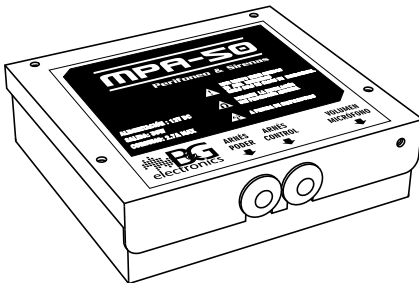


MPA-50 v3

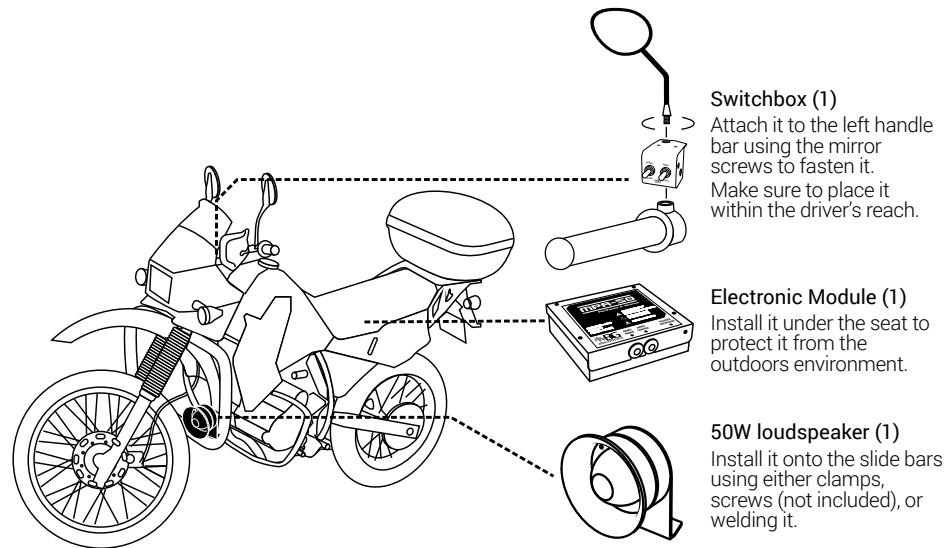
INSTALLATION AND OPERATION MANUAL
English



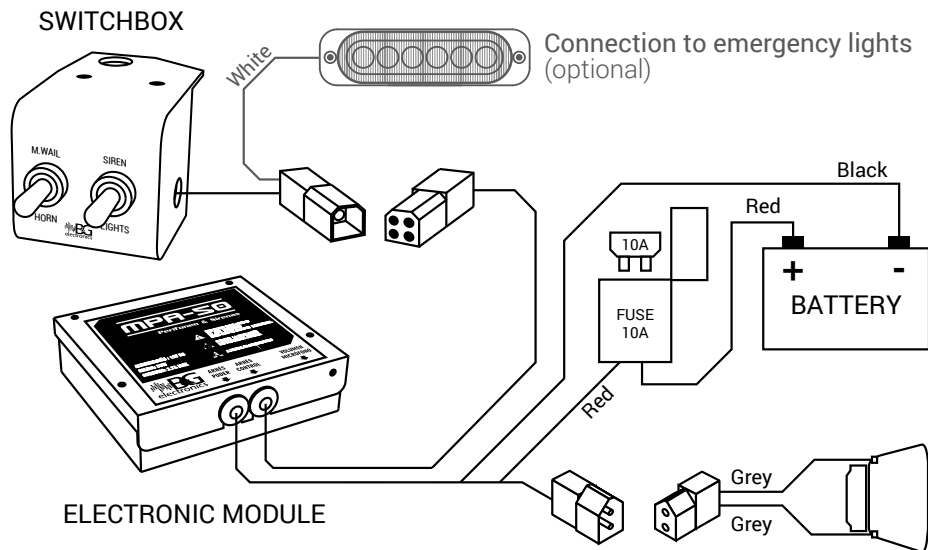
SIREN PROFESSIONAL SYSTEM FOR MOTORCYCLES

PLEASE READ BEFORE USING THE EQUIPMENT

COMPONENTS AND INSTALLATION



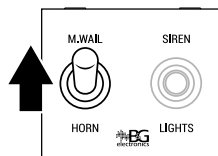
CONNECTION DIAGRAM



OPERATION OF SIREN SOUNDS

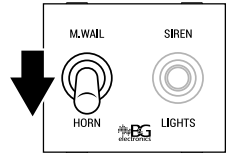
Reproduction of the M.WAIL sound

1. To turn on, press and hold M.WAIL.
2. To turn off release the switch; M.WAIL will stay on for as long as the switch is pressed.



Reproduction of the HORN sound

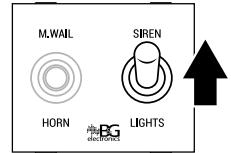
1. To turn on, press and hold HORN.
2. To turn off release the switch; HORN will stay on for as long as the switch is pressed.



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

Reproduction of the SIREN sound

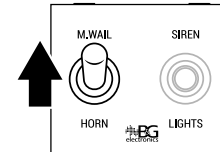
1. To turn on, pull up SIREN.
2. To turn off, pull down the switch to its central position.



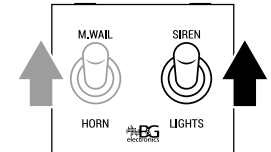
NOTE: If there are lights connected to the system, when SIREN is activated the lights will go on automatically.

CHANGING BETWEEN MODES FOR SIREN TONE SELECTION

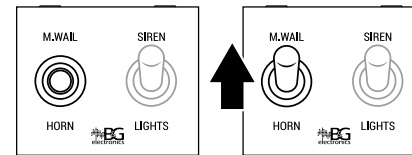
The equipment offers two modes for changing the SIREN tone (modes are explained further ahead). To select the mode of your preference, follow the steps below.



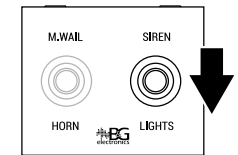
1. Press and hold M.WAIL.



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.

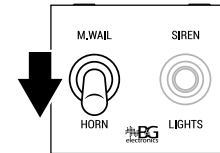


3. Press and release M.WAIL to switch between modes.

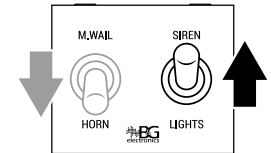


4. Once the preferred mode is selected, pull down SIREN to its central position.

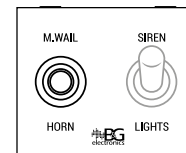
MODE 1: Setting up the SIREN tone



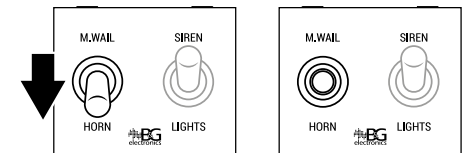
1. Press and hold HORN.



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

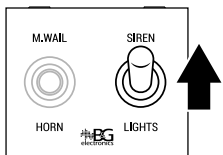


3. Release HORN, the current SIREN tone will start.

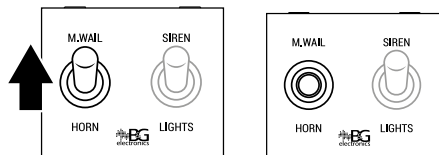


4. Press and release HORN to switch among tones (PHASER, WAIL, Hi-Lo & YELP). Once the tone is selected, pull down SIREN to its central position to leave configuration mode.

MODE 2: Setting up the SIREN tone



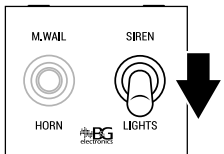
1. Pull up SIREN.



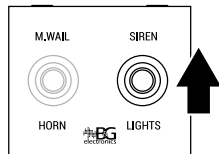
2. While SIREN is active, press and release M.WAIL to switch among the available tones (PHASER, WAIL, Hi-Lo & YELP).

OPERATION OF THE LIGHTS

The activation and deactivation of the lights is controlled by the right switch.



1. To turn on the lights, pull down LIGHTS.



2. To turn off the lights, pull up LIGHTS to its central position.

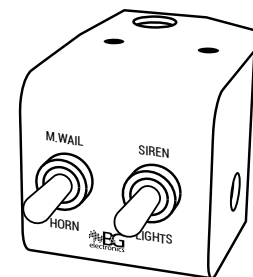
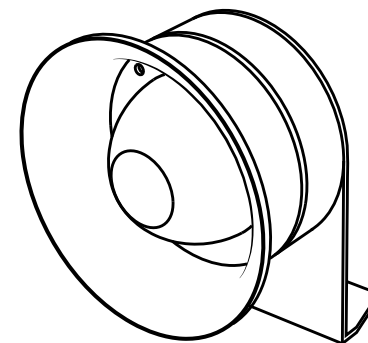
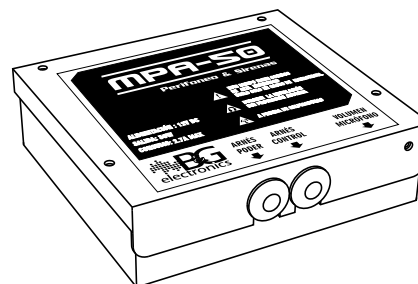
Energy Saving Mode

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.

MPA-50 v3

MANUAL DE INSTALACIÓN Y OPERACIÓN Español



SISTEMA PROFESIONAL DE SIRENAS PARA MOTOCICLETA

FAVOR LEER ESTE MANUAL ANTES DE USAR EL EQUIPO

ES 1.4

TECHNICAL SPECIFICATIONS

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	4.5 A (max)
	DIMENSIONS	96 x 81 x 24 mm 3.8" x 3.2" x 0.9"
	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)	
CONTROL BOX	SWITCHES (2)	MOM/OFF/MOM (1) ON/OFF/ON (1)
	CONTACT	50 mΩ (max)
	ISOLATION	500 V DC 1000 MΩ
	TEMPERATURE	-25 - 85 °C
	ACTIONS	10000 (min)
	DIMENSIONS	44 x 92 x 46 mm 1.7" x 3.6" x 1.8"
	PESO	260 g
LOUDSPEAKER	IMPEDANCE	8 Ω
	RESONANCE FREQUENCY	1000 Hz ±15%
	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 kg

BYG 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.

COMPONENTES E INSTALACIÓN

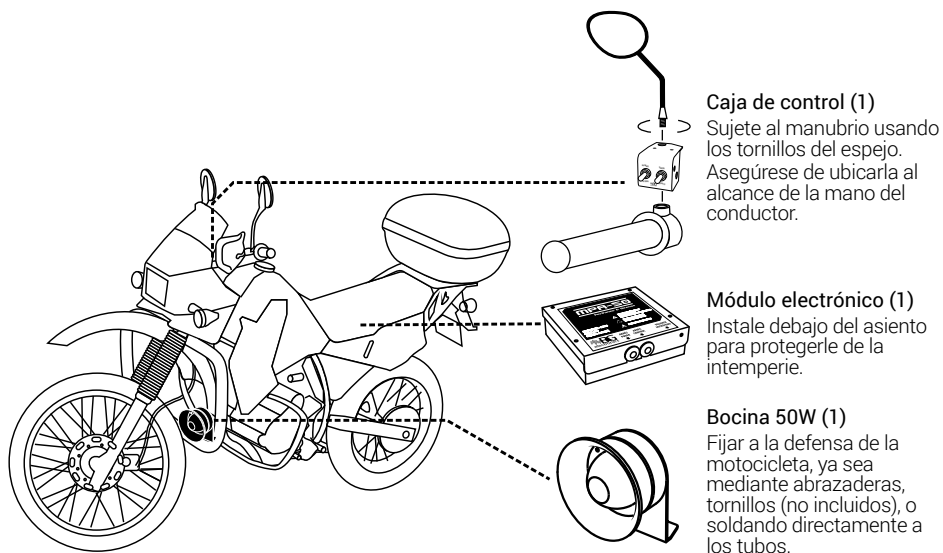
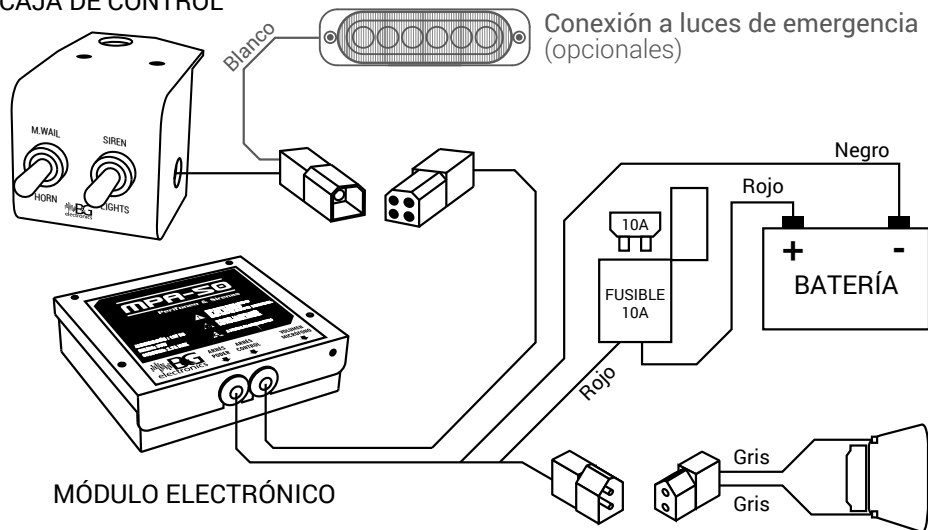


DIAGRAMA DE CONEXIONES

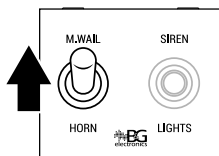
CAJA DE CONTROL



FUNCIONAMIENTO DE LOS SONIDOS DE SIRENA

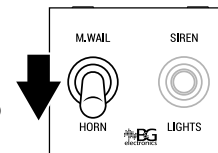
Reproducción del tono M.WAIL

1. Para encender presione y sostenga M.WAIL.
2. Para apagar suelte el switch; M.WAIL solo estará encendido mientras se mantenga presionado.



Reproducción del tono HORN

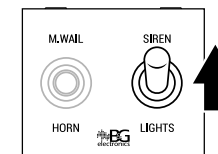
1. Para encender presione y sostenga HORN.
2. Para apagar suelte el switch; HORN sólo estará encendido mientras se mantenga presionado.



NOTA: La reproducción de HORN se antepone a todas las funciones. Al soltar HORN el equipo retornará a la función que se estaba ejecutando anteriormente.

Reproducción del tono SIREN

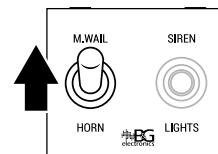
1. Para encender suba SIREN. Se reproducirá el sonido elegido para SIREN.
2. Para apagar baje el switch a su posición central.



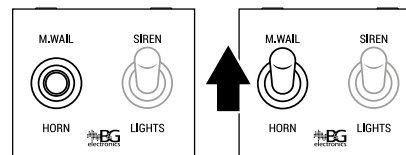
NOTA: Si tiene luces conectadas, cada vez que active SIREN el sistema de luces se encenderá automáticamente.

CAMBIAR EL MODO DE SELECCIÓN DEL TONO SIREN

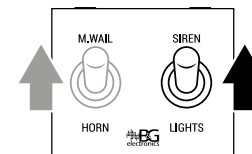
El equipo cuenta con dos modos para seleccionar el tono SIREN (los modos se explican más adelante). Para cambiar al modo de su preferencia, siga los pasos a continuación.



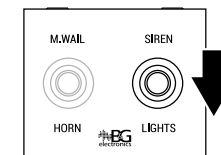
1. Presione y sostenga M.WAIL.



3. Presione y suelte M.WAIL para cambiar entre los dos modos.

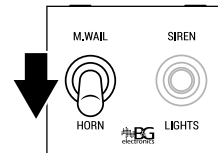


2. Sin soltar M.WAIL, suba SIREN.
 - Si suena 1 beep: El equipo está en Modo 1.
 - Si suenan 2 beeps: El equipo está en Modo 2.

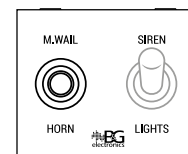


4. Una vez haya seleccionado el modo de su preferencia, baje SIREN a su posición central.

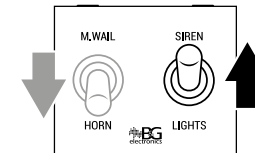
MODO 1: Selección del tono SIREN



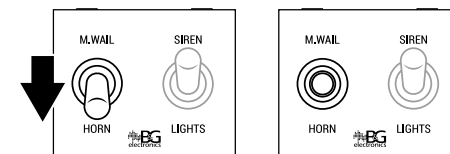
1. Presione y sostenga HORN.



3. Suelte HORN, comenzará a sonar el tono SIREN actual.

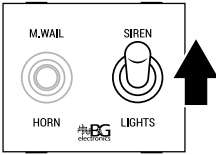


2. Sin soltar HORN, suba SIREN. HORN dejará de sonar, indicando que entró al modo de configuración del tono SIREN.

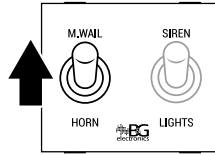


4. Presione y suelte HORN repetidamente para cambiar entre los tonos disponibles (PHASER, WAIL, Hi-Lo y YELP). Un vez seleccionado el tono, baje SIREN a su posición central.

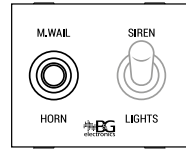
MODO 2: Selección del tono SIREN



1. Suba SIREN.

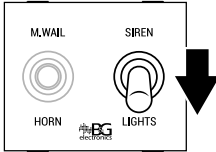


2. Mientras está sonando SIREN, presione M.WAIL repetidamente para cambiar entre los tonos disponibles (PHASER, WAIL, Hi-Lo y YELP).

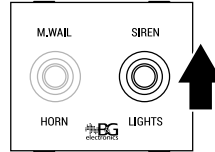


FUNCIONAMIENTO DE LAS LUCES

La activación y desactivación de las luces es controlada por el switch derecho.



1. Para encender las luces baje LIGHTS.



1. Para apagar las luces, suba LIGHTS a su posición central.

Modo Ahorro de Energía

El equipo monitorea continuamente el estado del voltaje de alimentación, si el voltaje cae debajo de 11V el equipo entra en modo ahorro de energía. Estando en modo ahorro de energía, al pulsar el switch la función solicitada no se activará y sonarán 2 beeps.

Una vez el equipo detecte que el voltaje está sobre 11V, retornará a su operación normal.

ESPECIFICACIONES TÉCNICAS		
MÓDULO ELECTRÓNICO	POTENCIA DE SALIDA	46 W
	AMPLIFICADOR	Clase D
	VOLTAJE DE ENTRADA	11 - 15 V DC
	POLARIDAD	Negativo a tierra
	RANGO DE TEMPERATURA	0 - 60 °C
	CONSUMO CORRIENTE	4.5 A (max)
	DIMENSIONES	96 x 81 x 24 mm 3.8" x 3.2" x 0.9"
PESO	200 g	
SONIDOS	WAIL (800 - 1670 Hz), PHASER (1100 - 2450 Hz), YELP (1030 - 1650 Hz), HI-LO (820 - 1150 Hz), HORN (580 - 1550 Hz), y MANUAL WAIL (800 - 1670 Hz)	
CAJA DE CONTROL	SWITCHES (2)	MOM/OFF/MOM (1) ON/OFF/ON (1)
	CONTACTO	50 mΩ (max)
	AISLAMIENTO	500 V DC 1000 MΩ
	TEMPERATURA	-25 - 85 °C
	ACCIONES	10000 (min)
	DIMENSIONES	44 x 92 x 46 mm 1.7" x 3.6" x 1.8"
PESO	260 g	
BOCINA	IMPEDANCIA	8 Ω
	FRECUENCIA RESONANCIA	1000 Hz ±15%
	FRECUENCIA DE RESPUESTA	500 Hz - 10 kHz
	NIVEL DE PRESIÓN DE SONIDO	108 ±3 dB 1w/m @1.5 kHz
	DIMENSIONES	113 x 132 x 96 mm 4.4" x 3.8" x 5.2"
	PESO	1130 kg

B&G ELECTRÓNICA | GARANTÍA LIMITADA DE UN AÑO

BYG Electrónica S.A.S. garantiza que este producto sale de fábrica libre de defectos de materiales y manufactura. Si por algún motivo presentara fallas por materiales o manufactura durante el periodo de un año después de la compra, BYG Electrónica S.A.S. reparará o cambiará la parte dañada libre de costo adicional.

Esta garantía no cubre daños ocasionados por mal manejo, mala operación o mala instalación. Esta garantía no cubre daños físicos a la superficie del producto, o daños ocasionados por el uso del producto en conjunto con otros productos o accesorios no diseñados por BYG Electrónica S.A.S.