Bluetooth Stereo Headphone Receiver (MS-6868E) &

Bluetooth Audio Transmitter (MS-6868F)

User's Guide

FCC Caution

1. *The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:*
   (1) This device may not cause harmful interference, and
   (2) This device must accept any interference received, including interference that may cause undesired operation.
2. *FCC RF Radiation Exposure Statement: The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.*
3. *This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.*
4. *Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.*

FCC Statement

This device is intended only for OEM integrators under the following

    1) The antenna must be installed such that 20 cm is maintained between antenna and users, and

    2) The transmitter module may not be co-located with any other transmitter or antenna.

As long as 2 conditions above are met, further transmitter test will not required. However, the OEM integrator is still responsible for testing end-product for any additional compliance requirements required with module installed (for example, digital device emissions, PC peripheral requirements, etc.).

Important Note

In the event that these conditions can not be example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid the FCC ID can not be used on the final product. In these circumstances, OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

End Product Labeling

This transmitter module is authorized only for use in device where antenna may be installed such that 20 cm may be maintained between antenna and users (for example access points, routers, wireless ADSL and similar equipment). The final end product must be labeled in a area with the following: "Contains TX FCC ID: GI4L-MS6868A/B".

Manual Information for End Users

The end user must not have manual instructions to remove or install device. The user manual for end users must include the following information in a prominent location: "IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located operating in conjunction with any other antenna or transmitter. as a result of e-mail transmission."
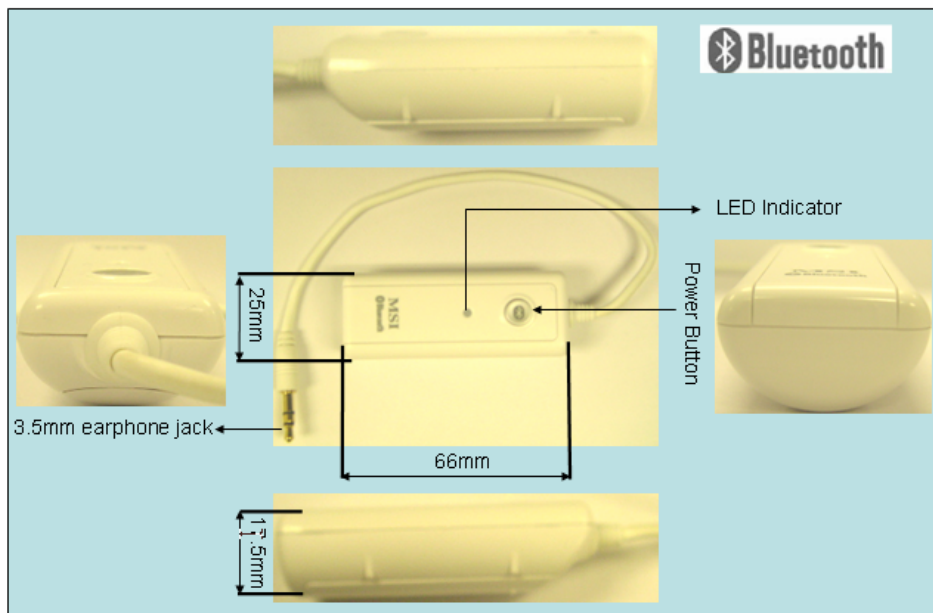
Important Safety Precautions

Always read and follow these basic safety precautions carefully when handling any piece of electronic component.
1. Keep this User Guide for future reference.
2. Keep this equipment away from humidity.
3. Lay this equipment on a reliable flat surface before setting it up.
4. The openings on the enclosure are for air convection hence protects the equipment from overheating.
5. All cautions and warnings on the equipment should be noted.
6. Never pour any liquid into the opening that could damage or cause electrical shock.
7. If any of the following situations arises, get the equipment checked by a service personnel:
   - Liquid has penetrated into the equipment
   - The equipment has been exposed to moisture
   - The equipment has not work well or you can not get it work according to User Manual
   - The equipment has dropped and damaged
   - If the equipment has obvious sign of breakage
8. DO NOT LEAVE THIS EQUIPMENT IN AN ENVIRONMENT UNCONDITIONED, STORAGE TEMPERATURE ABOVE 65°C OR BELOW -20°C, IT MAY DAMAGE THE EQUIPMENT.

② Bluetooth Audio Transmitter (MS-6868F) Introduction

>>> 2.1 Appearance

>>> 2.2 Features

❑ A Bluetooth Stereo Transmitter with 3.5mm earphone plug.

❑ General Features

Standard		Bluetooth SIG Specification v1.2
Support Profiles		A2DP(Advanced Audio Distribution Profile)
Interface		3.5mm line-in jack
Audio Function		1. CD-Quality, 44.1, 48KHz 16bits stereo 2. Freq. Response: 20Hz~20KHz
LED Indicator		LED for Power and Mode/Link
RF Specifications	Frequency Band	2.400~2.4835GHz unlicensed ISM band
	Spectrum	FHSS (Frequency Hopping Spread Spectrum)
	Modulation	GFSK
	Output Power	0~4dbm
	Receiving Sensitivity	-70dbm @<0.1% BER
	Power Class	Class 2
	Range	10m (Outdoor operating space)
	Antenna	Chip Antenna
Buttons		Button for Power On/Off and Pairing
Auto-Power Off		Device will be auto-power off after 3 minutes in standby mode.
Low Battery Indicator		Blue LED blink

Audio Format	SBC
Operating Temperature	0° ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20° ~ 65°C (-16°F ~ 149°F)
Power Source	1 x AAA Battery
Operating Time	A2DP Music Mode: 6 hours (Based on one 1000mA AAA battery).
Certification	CE, FCC, C-Tick, DGT
Dimension	66(L)*25(W)*17.5(H)mm
Weight	21g (without battery)

Ⓠ   Bluetooth Interface

Blue	
Standard	Bluetooth Specification v1.2
Profile	A2DP
RF Power	Bluetooth Class 2 (0~4dBm)
Chipset	CSR BC03MM or equivalent
Audio Codec	Sub-Band Codec
Distance	10meters (Outdoor operating space)

❏   Battery Installation

Before power on the Bluetooth stereo transmitter, you have to install one AAA
battery into it.

>> How to install the battery?

1.   Press the battery cover and
slide it to your right/left side.

2.   Open the battery cover and
install the battery in the right
position (+/-). Then take the
cover to slide it to your
right/left side to close the
cover.

>> How to uninstall the battery?

1.   Press the battery cover and
slide it to your right/left
side.

2.   Open the battery cover and
take out the battery, then
take the cover to slide it to
your right/left side to close
the cover.

>>> 2.3 Control and Indications

❑ Function Key and LED indication

	Button press required	Blue LED (source)	Description
On	⏻ press and hold for 3 secs	light up for 0.5 secs and off, and then lights up permanently	After 2 minutes, if the source cannot find and pair to a device, the source shuts down.
Off	⏻ press and hold for 3 secs	light up for 3 quick flashes and off.	Power off headset; blinking sequence similar to headset.
Link	N/A	Blinking 0.3 secs in every 4 secs)	The LED indication is different with Pairing mode.

Note:
LED lights of FS120 uninterrupted indicating pairing process.   Afterwards,
LED shall turn to blinks (0.3 secs ON in every 4 secs) one another signifying
link mode.