

Acoustas

Melody-G

Wireless Guitar Microphone

Installation and Operation Manual

Thank you for your purchase of an Acoustas Melody-G. Please visit our website at <http://www.acoustas.com/> for up-to-date information on the Melody-G and other products and to contact us with questions or comments. This manual will describe how to properly install, connect, and operate your versatile new wireless microphone.



Transmitter (left) and receiver (right)

The following should be included in your shipment:

- Transmitter with three suspension pegs for mounting
- Lithium-ion battery (square) with two-pin connector
- Piezoelectric film microphone (rectangular) with three-pin connector
- Receiver with attached 2.4GHz antenna
- Standard-A to mini-B USB cable for use with both devices
- USB right-angle adapter for use with the transmitter
- Charging brick with USB port for use with both devices



3300 W. Clay St., Richmond, VA, 23230
<http://www.acoustas.com/>

Federal Communications Commission and Industry Canada Notices for the Melody-G Master Unit (Transmitter)

The master unit can be identified by these markings:

Model/FCC ID: 2AC35-MELODYGTX
IC: 12297A-MELODYG

The following notices are applicable:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Note: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device should not be co-located with any other antenna or transmitter. It should remain at least 3 centimeters (1-1/8 inches) from the user at all times while switched on in order to reduce harmful radio frequency exposure.



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Federal Communications Commission and Industry Canada Notices for the Melody-G Slave Unit (Receiver)

The slave unit can be identified by these markings:

**Model/FCC ID: 2AC35-MELODYGRX
IC: 12297A-MELODYG**

The following notices are applicable:

Note that the Melody-G slave transceiver may only be used with the 3 dBi gain monopole antenna provided, or a 50 Ohm antenna of the same type, with equal or lesser gain.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device should not be co-located with any other antenna or transmitter. It should remain at least 20 centimeters (7-7/8 inches) from the user at all times while switched on in order to reduce harmful radio frequency exposure.

Transmitter Installation

As a first step, remove all strings from the guitar. Next, make sure the battery, piezoelectric film microphone, and optional peg connection are in place. The connectors should snap into the transmitter very easily and cannot be reversed by accident due to their design. The battery, input, and output connections are all labeled on the transmitter printed circuit board. Ensure the transmitter turns on with its switch - a green light should glow very brightly.

The transmitter should be mounted right near the edge of the sound hole, on the top side when the guitar is being held normally (closer to the player's head). Right-handed players can refer to the images below; left-handed players should use the mirror image of this position.

The transmitter comes supplied with three hook-and-loop adhesive pads. Peel away the protective plastic sheets from these adhesive pads. Clean and dry the receiving surface inside the guitar, and with a single firm push, affix the transmitter. Next, place the battery and piezoelectric film microphone in a similar manner, ensuring their wires are out of the way of the sound hole.

Finally, re-string the guitar. A good first test of Melody-G is to connect the receiver to a computer's USB port in order to tune the guitar with the help of an online tuning application. Turn the transmitter on and make sure the receiver's green indicator is consistently on and its volume is turned all the way up.



Right-handed Martin installation



Right-handed Epiphone installation

Transmitter and Receiver Pairing

At any given time, each Melody-G receiver will only accept sound from a single transmitter. The transmitter and receiver form a pair and thus the method to link them is called “pairing.” Any receiver can be set to accept sound from any transmitter by pressing the pairing button and holding the two quite close together. After the receiver's button is pressed, its green indicator will blink twice in quick succession every second for up to fifteen seconds or until a transmitter is brought close enough. During this process, ensure that the transmitter which is to be paired is switched on and all others that may be in the near vicinity are switched off. All sets come pre-paired, so most players will not normally need to use this feature.



Receiver's pairing button (center)