

MM400 Water-resistant transmitter

Users Quick Guide

If you are using the MM400 in a wet environment (immersion, perspiration, rain scenes etc) – be certain all O-rings are intact and that a waterproof mic connector (from Lectrosomics, properly installed and sealed) is used on the microphone cable.

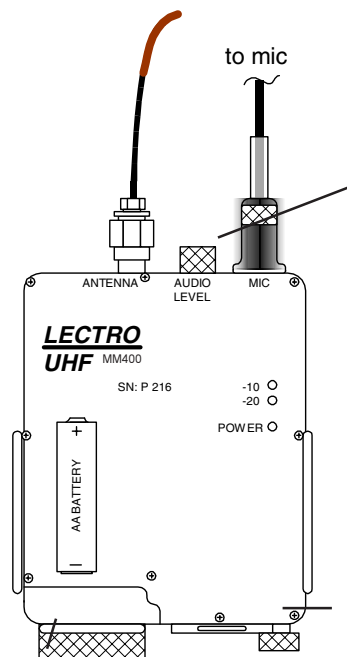
WARNING! TO PREVENT WATER DAMAGE or INTERNAL CORROSION!

If the transmitter is wet (either due to immersion or high levels of perspiration), **DO NOT OPEN** any covers or connectors. **BEFORE OPENING**, carefully blot the transmitter dry with a clean paper towel or cloth. Remove all visible signs of moisture and tap the transmitter on a soft surface such as your hand to shake any retained moisture loose from under the O-rings. After opening any connector or cover, carefully blot up any remaining moisture that may have remained around the seal or fallen into the threads. **THIS IS IMPORTANT! DO NOT CLOSE ANY COVER OR CONNECTOR BEFORE MAKING CERTAIN THERE IS NO MOISTURE IN OR NEAR THE OPENING.** After use, it is **critical** to store the transmitter in a dry place with all covers and connectors opened to allow any internal humidity to evaporate. Do **NOT** store wet or sealed up.

A standard 2.5mm tip/sleeve connector can be used with most positive bias lavalier microphones if water protection is not necessary. **DO NOT IMMERSE** if the water resistant connector provided by Lectrosomics is not used.

To reverse or remove belt clip – pull the belt clip ends out of the case holes to remove or reverse the belt clip – the clip will work with antenna up or antenna down configurations.

To turn Unit on – insert a dry AA battery into the battery compartment positive end first. The cover is the power switch. Tightening it activates the unit. Turn the battery compartment cover until the Power LED lights and the O-ring is slightly compressed. To turn off temporarily, loosen the battery cover knob two full turns. For longer off periods, you can reverse the battery and tighten the cover to put light pressure on the reversed battery. For storage periods greater than a day or two, or if unit has been in a high water environment – see the warning above for storage instructions.



To set the mic level – turn the level adjustment knob (between the antenna and the microphone connector) until normal sound levels cause both LEDs to flash green. The LED's turning Red indicates limiting (occasional red is fine).

To set frequency – unscrew the small knurled knob at the bottom of the transmitter for 5 full turns. The knob will then move an additional 1/8" before it hits the retaining threads. It does not need to be taken completely out. Carefully pull up the frequency cover plate. The switches are labeled underneath the plate. Set the switches to match the switch settings shown on the receiver.

Power output	100mW.
Battery life	Expected battery life is approximately 5 hours with a AA lithium cell, 1.5 to 2 hours with a alkaline cell at 72 deg F or higher. Rechargeable NiMH can also be used - expect approximately 2-2.5 hours from a 1700mAh NiMH battery.
Battery	AA – Lithium recommended – rechargeable NiMH or Alkaline are also acceptable but battery life will be shorter. Alkaline batteries will not work well at low temperatures.



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