

# Mounting the DU-111-02 Delegate Unit Battery

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## Warning!

Please read this instruction in full! Damages caused by improper handling of the batteries is *not* covered by any warranties. *Close Talk Conference System* will under *no* circumstances assume *any* responsibilities for direct or indirect damages caused by handling the system batteries.

- `The battery type used contains corrosive acids, *do not* try to open the battery
- `The battery is of a sealed, maintenance-free type and should not show any signs of leaking. In case of signs of leakage (liquid in the battery compartment, whitish residues), be sure to use rubber gloves when handling the battery. Clean the battery compartment with soap and water
- `A battery is a storage of energy. Even a used battery may still contain large amounts of energy, *do not* short the battery terminals
- `The battery contains lead, a substance known to be harmful to the nature. Handle damaged batteries with care

### Requirements

Replacing the battery is a relatively simple operation but should only be carried out by a qualified technician. The required tools is a 3mm hex/allen key. With large amounts of Delegate Unit's it will be advantageous to use a power screw driver.

Please set up a proper workplace to avoid damaging the Delegate Unit.

### Opening the unit

Place the delegate unit upside down on a soft surface, be sure to not damage the microphone. Locate the battery cover holding screws and use the appropriate tool to remove them together with the locking washers. Do not loose the screws or washers.



Fig. 1: Hex/allen key 3mm



Fig. 2: Delegate unit upside down, cover holding screws are circled



Fig. 3: Use the allen key tool to remove the two screws

## Warning!

On delegate units that are trolley charger capable, the brass threads inside for the cover screws are live with battery power (see figure 4), *do not* short the battery terminals to these threads or an internal fuse may blow and require factory service!



Fig. 4: Battery case open. The circled brass threads are live with battery voltage when the battery is connected!

## - Warning! -

Do not connect the battery in reverse or short the terminals to the brass battery cover screw threads an internal fuse may blow and require factory service!

**RED LEAD = BATTERY PLUS** **BLACK LEAD = BATTERY NEGATIVE**

Connect the battery and place it in the battery compartment as figure 5 shows. Be sure not to short the battery to the brass threads. Arrange the cables so that they don't are clamped by the battery compartment cover.



Fig. 5: Connect the battery correctly and place it in the battery compartment

## Replacing the battery cover

When the battery has been replaced, carefully return the plastic battery cover, make sure that it fits properly on all sides. Check that the unit's rubber feet are attached properly.



Fig. 6: Replace the battery cover, making sure it fits properly on all sides

Return and fasten the battery cover screws and locking washers using the appropriate tool. Turn the unit back upside and make sure that it stands properly on a flat table surface. Turn the unit on and test it. Done!



Fig. 7: Return and fasten the cover screws. Do not overtight the screws or thread damage may occur!