



Replacing batteries on an AGT-C, AGT-AL or an ACT-AL

1- General

The AGT-C AGT-AL and ACT-AL transmitters use the same battery packs. The only difference is in the packaging:

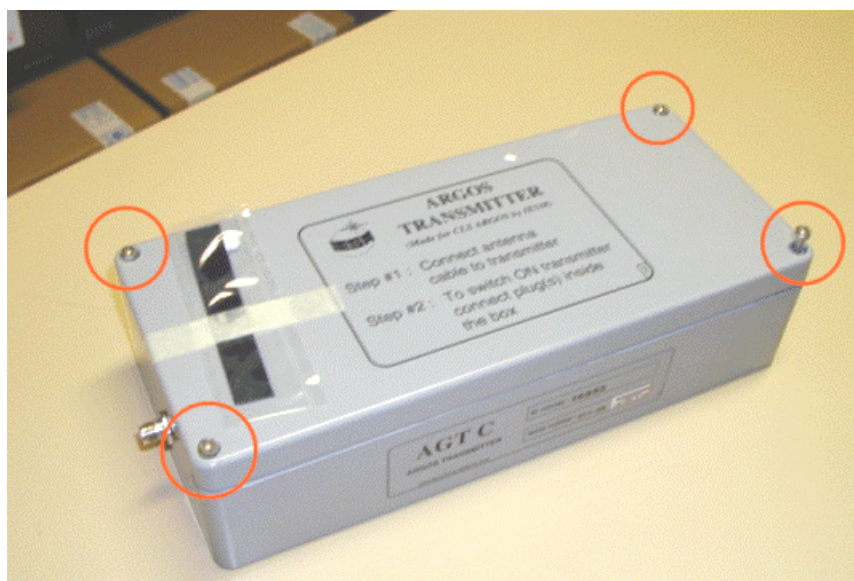
- The AGT-C and AGT-AL transmitters are in one box that includes both the transmitter and the battery.
- The ACT-AL transmitter has a separate battery box. However, this box is the same as the box used for the AGT-C/AGT-AL so replacement procedure is identical.

2- Replacement procedure

Tools needed: a simple screwdriver

Step 1. Locate the transmitter (for AGT-C and AGT-AL) or the battery pack (for ACT-AL) on the container. It is a long grey box (size is 80x160x360mm). If it is possible, work on the transmitter without removing it from the container.

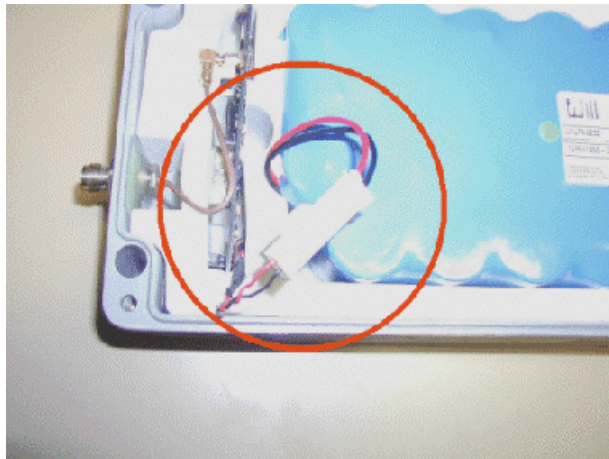
Step 2. Locate the 4 screws on the lid and unscrew them completely. Take the cover off (the screws are attached, they will not come out). See following picture.



Step 3. The big blue part is the battery pack. Next to it is the transmitter (for the AGT-C). There is no ON/OFF switch and to stop the transmitter, just disconnect the battery.



To disconnect the battery, locate the white connector (see following picture). Press lightly on the side of the connector and pull slightly.



Step 4. To restart the transmitter proceed just reverse: insert new battery pack, plug-in the connector, close the lid.

If you have any questions, you may want to contact CLS:

Phone: +33 561 39 47 20

Fax: +33 561 39 47 97

Mail: info@cls.fr or customer_service@cls.fr

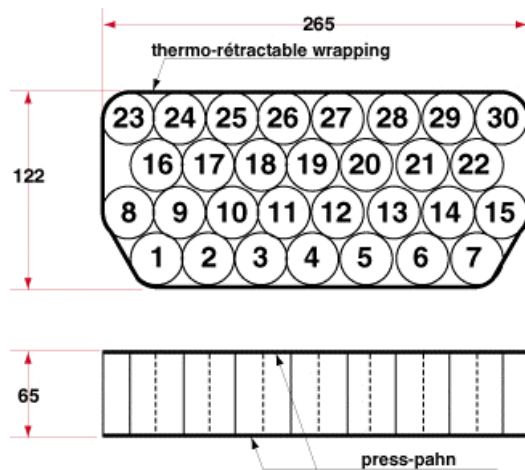
3- Battery specifications

Replacement battery packs are available from CLS. However, they are based on standard batteries widely available in the market place.

The specifications are the following:

- Basic cell : Duracell MN1300 or similar (1.5V / 18000mAh).
- Number of cells in pack : 30
- Complete pack electrical characteristics : 15V / 54000mAh
- Internal connections : 3 diodes should be used (1N5817)
- Physical characteristics : the size of the complete pack is 265x122x65mm.
- End connector : type Amphénol 172233-1 AMP female 2 points

The following drawing shows the mechanical design of the battery pack. **It should be noted that dimensions must be followed exactly or the pack will not fit in the box.**



This drawing shows the connections to use for the cells: there are 3 parallel blocks of 10 cells in series to provide 15V and 54AH of power. **Note that diodes must be used.**

