

Jan 2007

TECHNICAL SERVICE BULLETIN from Pyrodigital Consultants, Inc.

FC-3 FIELD CONTROLLER BATTERY REPLACEMENT

All 3 Batteries should be replaced every 2 to 3 years

The Field Controller Batteries should be charged for 24 hours AT LEAST ONCE A MONTH (you cannot overcharge batteries with FC charging system, so it is OK and good to leave the charger connected for long periods of time, or all the time).

Recommended replacement batteries, 2 each Main Batteries; Be sure to obtain batteries dated coded no more than 6 months old.

Power Sonic PS-1270

Panasonic LC-R127R2P (do NOT get LC-R127R2P-1 as has ¼" fast on tabs)

Yuasa NP7-12 (Taiwanese)

Genesis brand NP7-12 (Chinese)

To Avoid NOT Recommended

Universal Battery UB 1270

Century Battery Corp PM-1285

Plus 1each Memory Backup Battery (about same size and thickness as US Nickel coin)

CR-2032 (available at drug stores or stores that sell watch batteries).

To install the batteries, remove the 6 rubber feet off the bottom of the FC and then place the FC flat on the workbench in the normal operating position. Lift up the upper half, like opening the hood of a front engine automobile. Notice the location of the rubber pad bumpers located on the installed batteries. Be sure to replace the rubber sheet bumpers on the new batteries just like they were on the old batteries. The memory backup battery is located on the left side of the motherboard which is underneath the top cover. Use rubber gloves when replacing this battery to avoid any finger oils on the battery or contacts.