Connecting the echo to an iQ or AudioReQuest

1. Power off the iQ.IMS or AudioReQuest.
2. Connect the echo to power and to one of the rear USB ports of the IMS or AudioReQuest.
3. Insert a ReQuest hard drive into the echo with version 4.1.1 or later installed. Make sure to lock the hard drive with the supplied key to engage the drive (Turning key in lock 90° clockwise).
4. Power on the echo with the power switch on the back of the unit, and then power on the iQ.IMS or AudioReQuest.

Note: After booting with an echo attached for the first time, the echo should automatically start its initial synchronization backup.

To check on the iQ.IMS or AudioReQuest:
   a. Go to the “Menu” (flash movie or LCD)
   b. Select “Advanced”
   c. Select “Sync echo Now”
   d. Select “Yes”

The echo should now be syncing.

In case of failure of an iQ.IMS or AudioReQuest drive:

1. Power off the iQ.IMS or AudioReQuest by pressing the front power button (under the faceplate of the AudioReQuest) and wait until the unit is powered down.
2. Power off the echo with the power switch on the back of the echo unit.
3. Remove the failed hard drive from the iQ.IMS or AudioReQuest. (Turning key in lock 90° counter-clockwise)
4. Remove the working hard drive from the echo. (Turning key in lock 90° counter-clockwise)
5. Insert echo hard drive into the iQ.IMS or AudioReQuest, and lock it. (Turning key in lock 90° clockwise)
6. Power up the iQ.IMS or AudioReQuest.
7. Call ReQuest Customer Service and arrange an RMA for the failed hard drive.

When you receive an echo replacement hard drive from ReQuest:

1. Power off the iQ.IMS or AudioReQuest by pressing the front power button (under the face plate of the AudioReQuest) and wait until the unit is completely off.
2. Power off the echo with the power switch on the back of the echo unit.
3. Insert replacement hard drive in the echo, and lock it. (Turning key in lock 90° counter-clockwise)
4. Power on the iQ.IMS or AudioReQuest and the echo.
5. When the AudioReQuest is booted:
   a. Go to the “Menu” (flash movie or LCD)
   b. Select “Advanced”
   c. Select “Sync echo Now”
   d. Select “Yes”

The echo should now be syncing.
The echo unit will perform an automatic backup of the iQ.IMS or AudioReQuest server every evening/early morning. The longest sync will take place after the device is connected for the first time, depending on the size of the collection on the iQ.IMS or AudioReRequest. Subsequent syncs are much quicker as only changes made since the previous sync are transferred.

To prevent data corruption, it is very important that both the echo and iQ.IMS or AudioReQuest are powered off before replacing a drive in the echo. If they are not, it is possible that the iQ.IMS or AudioReQuest will be unable to detect the echo that it is connected to.

The echo takes added measures to keep the file system on its hard drive intact. In the event that an error is detected, the echo will attempt to correct the problem. If the repair is successful, the echo will resume normal operation. If the problem is detected on the AudioReQuest, the echo will NOT sync until the problem is corrected, protecting the echo hard drive from also becoming corrupted.

echo will be listed in ARQLink under the information of the iQ.IMS or AudioReQuest that echo is connected to and listed as a "Connected Device."

If an accident occurs where a large set of songs' metadata was edited or deleted, and the echo was successfully synchronized the night before, the user can swap out the iQ.IMS or AudioReQuest drive with the echo drive to restore the collection to the last synchronization from the night before.

Hardware Specifications
- 1U chassis (rack mountable)
- USB Connection
- Dimensions: 17" (W) x 9.5" (D) x 1.75" (H)
- Weight: 12 lbs. (5.5 kg)
- Finish: black chassis with brushed aluminum metal faceplate

Accessories Included
- Power cable, USB Cable, key

Notes on the echo

IMPORTANT SAFETY WARNINGS

1. Read, keep and follow these instructions.
2. Do not use this device near water.
3. Device shall not be exposed to dripping or splashing, and no objects filled with liquids shall be placed on the apparatus.
4. Clean only with a dry cloth.
5. Do not block any ventilation openings. Install according to the manufacturer’s instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other device (including amplifiers) that produce heat.
7. Do not defeat the safety purpose of the polarized or ground plug. If the provided plug does not fit into your outlet, consult an electrician regarding installation of a modern polarized outlet.
8. Protect the power cord from being walked on or pinched.
9. Only use attachments/accessories specified by the manufacturer.
10. Protect this device through the use of proper UPS or surge protection equipment.
11. Refer all servicing to qualified service personnel.