

iBridge Tech Tips

iBridge Compatibility

Compatible with



iPod with video
(30GB, 60GB only)



iPod with color display*
(20GB, 30GB only)
U2 Special Edition



iPod with color display*
(40GB, 60GB only)



iPod*
(40GB, 60GB only)



iPod nano
(2GB, 4GB only)



iPod mini*
(4GB, 6GB only)

All G5 & G4 iPods with Click Wheel interface

iPod Nano 2GB, 4GB only

iPod Mini 4GB, 6 GB only

Check for this first:

Check all wires and connections.

Check compatibility list to insure you are using a compatible iPod.

(G3 iPods with the 4 function buttons are not compatible)

The docked iPod should look like this:





iBridge Trouble Shooting

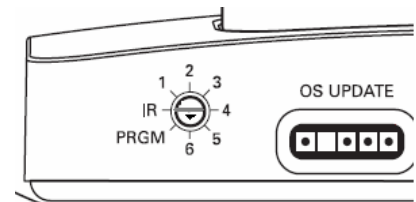
Follow these steps in order to find to source of the issue.

**Note: As with all RNET Sources, you must Cycle Power after every change in set up. You must Cycle Power on the Dock, then RAVD1 and lastly Controller 1 CAV6.6 or CAM6.6*

iPod should display “Russound” and "ok to disconnect" when docked and an RNET source is assigned. iPod will display only “ok to disconnect” if in IR mode.

If not:

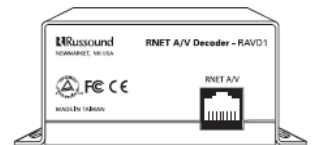
1. Check that the Dock has the proper iPod adaptor.
2. Unplug and reconnect the 12volt power supply from the dock.
3. Check the PRGM on the back of the Dock to see if the arrow is selecting the proper RNET source and not on "IR".



If it is in the "IR" position it will only accept IR commands and will not provide meta data to an UNO keypad (but will display video).

No sound but RNET feedback, control and dock displays “Russound”.

1. Check RAVD1 audio connections.
2. Check that the CAT-5 from the Dock is connected to the “RNET A/V” and not one of the “RNET Link” connections.



No RNET feedback or control no sound, but dock displays “Russound”

1. Check Power on Dock.
2. Check CAT-5 cable from Dock to RAVD1. To simplify trouble shooting take the Dock and power supply and connect directly to the RAVD1 using a straight CAT-5 cable. Power down all RNET sources and Controllers before swapping cables and once re-connected power on the sources first then the controllers with controller 1 powered on last. (check RCA connections or refer to above if no sound but control)



No RNET feedback or control, but dock works with sound.

1. unplug and reconnect the 12volt power supply from the RAVD1 then power cycle the CAV6.6 or CAM6.6.
2. Press Select on the keypad and check all sources for ipod feedback: Dock maybe set to the wrong RNET source. If that is the case on the Dock check the PRGM to see if the arrow is selecting the proper RNET source.
3. Replace RNET CABLE or swap with another RNET cable. Power down all RNET sources and Controllers before swapping cables and once re-connected power on the sources first then the controllers with controller 1 powered on last.

No RNET feedback, but dock works with sound and can control when set up as peripheral.

Check UNO keypad's version then Controller's version.

UNO-S2	v 3.00.01 Or higher (<i>3.01.01 recommended</i>)
UNO-S1	v 1.00.21 Or higher (<i>2.00. 01 recommended</i>)
CAV6.6 Rev 3 and earlier	v 2.01.16 Or higher
CAV6.6 Rev 4	v 3.01.10 Or higher
CAM6.6	v 1.01.05 Or higher

RNET feedback on all UNO keypad, all keypads on Controller # 1 work as normal but no control on keypads on Controller #2 and above.

Just prior to the release of the iBridge, a bug was discovered that would not allow the iBridge to work with more than 1 CAV/CAM. This was caught just in time to have all the units updated before shipping. There is an update available in the doc center.

It requires Renasas and the Advanced (black) Programming cable.



iBridge Set Up

Connections Note: The BGD1 iBridge Dock requires the use of an RAVD1 RNET A/V Decoder at the audio system, regardless of which system is used.

1. **Locate devices.** Place the iBridge Dock where the iPod will be located. Place the RNET A/V Decoder with the audio system controller.
2. **Run cable.** Install CAT-5 or CAT-5e cable between the Dock and Decoder locations, up to 300 feet (90 m). If desired, use modular wall plates and RJ-45 patch cables for a neater appearance.
3. **Connect iBridge Dock.** Crimp an RJ-45 connector on the source end of the CAT-5 cable, following the T568A standard as shown. Plug the connector into the RNET A/V jack on the Dock. (If using a wall plate, punch down the CAT-5 per the T568A standard and use a straight-through patch cable between the Dock and the wall plate.)
4. **Connect RNET A/V Decoder.** Crimp an RJ-45 connector on the system end of the CAT-5 cable, following the T568A standard as shown. Plug the connector into the RNET A/V jack on the Decoder. (If using a wall plate, punch down the CAT-5 per the T568A standard and use a straight-through patch cable between the Decoder and the wall plate.)

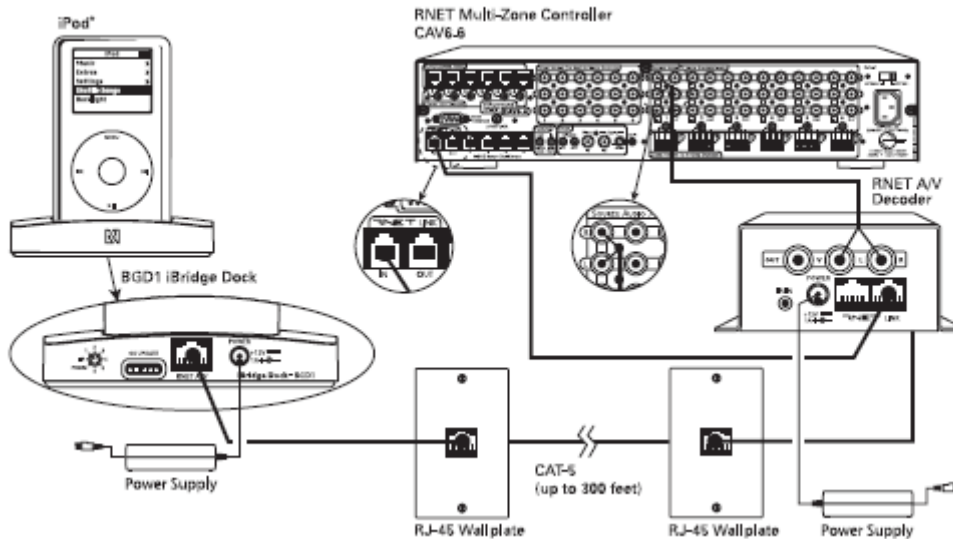
Setup for RNET Control

1. **Connect Decoder to RNET system.** With the audio system turned off, use an RJ-45 patch cable to connect from either RNET Link jack on the Decoder to an RNET Link jack on the system or an RNET source component. Use an RCA patch cable to connect from the Decoder's audio outputs to a source audio input on the RNET system controller. Note: The Decoder's video output does not function in RNET mode.
2. **Select Dock source input.** Set the source/ function selector switch on the Dock to the number of the source input the Decoder is connected to on the RNET system.
3. **Power Dock and Decoder.** Plug the power adapters into AC power receptacles and connect their output leads to the device power jacks.
4. **Dock iPod.** Put the iPod in the Dock with the appropriate iPod adapter.
5. **Turn on audio system.** Power up the audio system and select the source input you're using for the iPod. As long as the iPod is playing, you should hear it through the audio system.



6. Program RNET system. Follow the RNET system's programming instructions to configure the iPod source as a peripheral device. If the system includes UNO-TS2 touch screens, also use the Screen Setup feature in the UNO-TS2 Options menu to configure the iPod as an "iPod (iBridge)" source type to assign the correct screen template.

Connection for RNET Control of Source



iPod Commands and Updates

iPod Updater: <http://www.apple.com/ipod/download/>

Hard Reset, Diagnostic Mode and Hard Disk Mode commands A link to a great interactive guide by model: <http://www.command-tab.com/2006/03/30/hidden-ipod-commands/>

iPod isn't responding—it appears to be frozen:

http://www.apple.com/support/ipod/five_rs/ 1. Toggle the Hold switch on and off. (Slide it to Hold, and then turn it off again.)




2. Press and hold the Menu and Select buttons until the Apple logo appears, about 6 to 10 seconds. You may need to repeat this step.

Also refer to the 5 R's of iPod: http://www.apple.com/support/ipod/five_rs/



Will my iPod work with the iBridge?

	Model	Generation	Model number	iSee Compatible
	iPod (5 GB) iPod (5 GB Touchwheel)	1G 2G	M8541 M8513 (Mac) M8697 (Windows)	No
	iPod (10 GB) iPod (10 GB Touchwheel)	1G 2G	M8709 M8737 (Mac) M8740 (Windows)	No
	iPod (20 GB Touchwheel)	2G	M8738 (Mac) M8741 (Windows)	No
	iPod (Dock connector)	3G	M8976 (10 GB) M8946/M9460 (15 GB) M9244 (20 GB) M8948 (30 GB) M9245 (40 GB)	No
	iPod mini	1G	M9434 (Green) M9435 (Pink) M9436 (Blue) M9437 (Gold) M9160 (Silver)	No
	iPod (Click Wheel)	4G	M9282 (20 GB) M9268 (40 GB)	20GB - No 40GB - YES

	iPod U2 Special Edition	4G	M9787	No
	iPod photo	4G	M9829 (30 GB) M9585 (40 GB) M9586 (60 GB)	30GB - YES 40/60GB - YES
	iPod U2 Special Edition (color display)	4G	MA127	YES
	iPod (color display)	4G	MA079 (20 GB) M9830 (60 GB)	20GB - YES 60GB - YES
	iPod shuffle	1G	M9724 (512 MB) M9725 (1 GB)	No

	iPod mini (Second generation)	2G	M9800 (4 GB Silver) M9801 (6 GB Silver) M9802 (4 GB Blue) M9803 (6 GB Blue) M9804 (4 GB Pink) M9805 (6 GB Pink) M9806 (4 GB Green) M9807 (6 GB Green)	YES
	iPod nano	1G	MA004 (2 GB White) MA005 (4 GB White) MA099 (2 GB Black) MA107 (4 GB Black)	YES
	iPod (5th Generation)	5G	MA002 (30 GB White) MA003 (60 GB White) MA146 (30 GB Black) MA147 (60 GB Black)	30GB - YES 60GB - YES 80GB - YES
	iPod (5th Generation) Harry Potter Edition	5G	MA253	30GB - YES
	Model	Generation	Model number	iSee Compatible