NUVO®

Made for iPod

NV-WIPS Wireless NuVoDock™ for iPod Installation Guide

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FCC Radio Frequency Interference Statement Warning

The NV-WIPS Wireless iPod Dock has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The NV-WIPS generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the NV-WIPS does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

CE Statement

NuVo Technologies, LLC declares that the NV-WIPS conforms to the specifications listed below, following the provisions of the European R&TTE directive 1999/5/EC:

- EN 301 489-1, 301 489-17 General EMC requirements for Radio equipment.
- EN 609 50 Safety
- EN 300-328 Technical requirements for Radio equipment.

Caution: This equipment is intended to be used in all EU and EFTA countries. Outdoor use may be restricted to certain frequencies and/or may require a license for operation. Contact local Authority for procedure to follow.

Note: Combinations of power levels and antennas resulting in a radiated power level of above 100 mW equivalent isotropic radiated power (EIRP) are considered as not compliant with the above mentioned directive and are not allowed for use within the European community and countries that have adopted the European R&TTE directive 1999/5/EC.

For more details on legal combinations of power levels and antennas, contact NuVo Technologies, LLC..

IC Statement

This Class B digital apparatus complies with Canadian ICES-003 and RSS210 rules.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 et CNR210 du Canada.

The use of this device in a system operating either partially or completely outdoors may require the user to obtain a license for the system according to the Canadian regulations.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 2.0 dBi @ 2.4GHz. Antennas not included in this list or having a gain greater than 2.0 dBi @ 2.4GHz are strictly prohibited for use with this device. The required antenna impedance is 50 Ohms.

FC CE

Specifications

RF Frequency Range	2400-2483.5MHz
Number of RF Channels	3
Output Power	16dBm typ
Range	150ft. typ*
RF Technology	Proprietary
Frequency Response (20Hz – 20kHz)	+/- 0.5dB
THD (20Hz – 20kHz)	0.015%
Signal to Noise	>87dB
Power Supply	12V/5W DC 100-240VAC
Network	NuVoNet
NV-WIPD Dimensions	3 1/4"W x 2 1/2"D x 2 1/4"H 81.3mm x 63.5mm x 57.2mm
NV-WIPD Weight	0.35 lbs. (0.16 kg)
NV-WIPR Dimensions	4 9/16"W x 29/32"D x 4 3/4"H 116.5mm x 23.2mm x 120mm
NV-WIPR Weight	0.25 lbs. (0.11 kg)
Shipping Dimensions	8"W x 6"D x 5 3/8"H 205mm x 152mm x 136mm
Shipping Weight	2.1 lbs. (0.95 kg)

Supported iPod® Models: iPod (4th generation & newer), iPod mini (all versions), iPod nano (all versions)

Package Contents

1 NV-WIPD	Wireless NuVoDock for iPod® for Concerto NV-I8GMS
1 NV-WIPR	Wireless Receiver for NuVoDock for Concerto NV-I8GMS
1 NV-PSW12A	Universal Power Supply including USA, UK, EU, AU adapters
1 NV-NC1	CAT5 Cable, 10 foot, Black
1 NV-CMR6B	3.5mm Mini to RCA Stereo Audio Cable, 6 foot, Black

*Maximum wireless signal range may vary. Network conditions and environmental factors, including building materials and construction, may affect signal range.

Supported iPod Models

Model	Universal Dock Adaptor (Apple Part #)	Min. iPod Firmware Version
 **iPod mini** 1st generation 4GB 6GB	#3 (MA121G/A)	1.4.1
 **iPod** 4th generation 20GB	#4 (MA119G/A)	3.1.1
 **iPod** 4th generation 40GB	#5 (MA120G/A)	3.1.1
 **iPod** 4th generation (color display) 20GB 30GB	#6 (MA122G/A)	1.2.1
 **iPod** 4th generation (color display) 40GB 60GB	#7 (MA123G/A)	1.2.1
 **iPod nano** 1st generation 1GB 2GB 4GB	#8 (MA124G/A)	1.3
 **iPod** 5th generation (video) 30GB	#9 (MA125G/A)	1.2.1
 **iPod** 5th generation (video) 60GB 80GB	#10 (MA126G/A)	1.2.1
 **iPod nano** 2nd generation (aluminum) 2GB 4GB 8GB	#11 (MA593G/A)	1.1.2

Installing the Remote NuVoDock for iPod

The Wireless NuVoDock for iPod is designed to communicate with the Grand Concerto System without any programming. Installation and setup require a few simple steps.

Step 1: Locate the NuVoDock and NV-PSW12A power supply in a zone location. Likewise, locate the NV-WIPD wireless receiver with the Grand Concerto EZ Port connection hub.

Step 2: Set the Source Input Switch to the appropriate source input number 1-6 on the bottom of the NV-WIPD and the back of the NuVoDock. This must coincide with the source input on the back of the Grand Concerto amplifier. **This step must be done prior to connecting the power supply.**

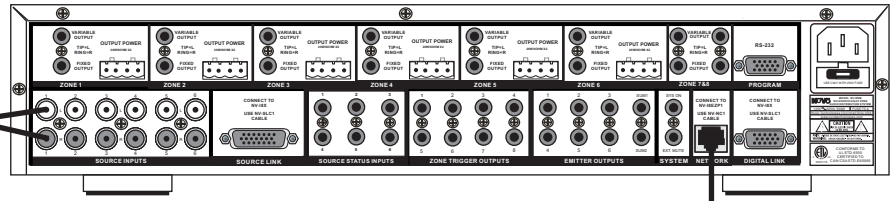
Step 3: Complete the connections at the NV-WIPD wireless receiver. These are the Network connection to one of the "Device" inputs on the EZ Port, and the NV-CMR6B stereo mini to RCA audio cable to the back of the Grand Concerto amplifier.

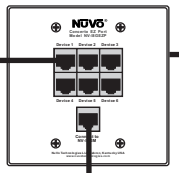
Step 4: Make sure the NuVoDock is plugged into an AC power outlet.

Step 5: When an iPod is inserted into the NuVoDock, the display should automatically be replaced by the NuVo logo. At this point the iPod is communicating with the Grand Concerto's NuVoNet (see the **Supported iPod Models** page for compatible iPod versions).

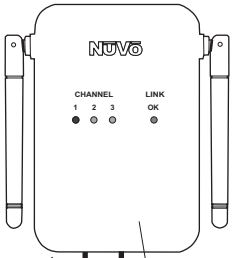
Each NuVoDock represents an audio source input for the Grand Concerto and up to two wireless NuVoDocks can be used in a single Grand Concerto System. If you are using the Grand Concerto Configurator software for setup, select the NuVo NV-WIPS IR library within the Source Tab for each NuVoDock used.

NV-WIPS Wireless iPod Dock System





The NV-CMR6B included 3.5mm to RCA stereo audio cable provides audio to the Grand Concerto System as one of its six sources.

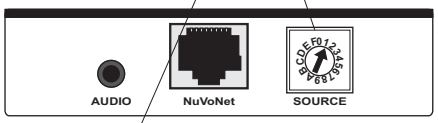


NV-WIPR

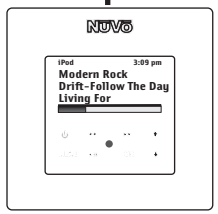
The NV-NC1 included Cat5 network cable enables complete iPod communication with the Grand Concerto System.

A rotary switch at the iPod dock and receiver set a specific source address (1-6) for the Grand Concerto System NuVoNet communication.

Each of the Grand Concerto's zone Control Pads are connected to the back of the Grand Concerto's EZ Port.



The NuVoDock and receiver communicate audio signal and metadata wirelessly to the Grand Concerto System.



Grand Concerto Control Pad

NV-WIPD

The NV-PSW12A AC Power supply provides the necessary power and recharges the iPod.