NETSTREAMS

DigiLinX™ NS-IPD-100

iPod® Docking Station

INSTALLATION MANUAL

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DigiLinX NS-IPD-100 iPod Docking Station Installation Manual

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CHAPTER 1: INTRODUCTION

PRODUCT OVERVIEW

The NS-IPD-100 connects to a DigiLinX system and becomes an integral part of the multi-room audio system. It charges the iPod battery and provides control of iPod playback from the DigiLinX system.

The sleek NS-IPD-100 is the DigiLinX interface to Apple® iPod media players. Once an iPod is placed in the NS-IPD-100, the music library on the iPod can be quickly and easy be searched by genre, playlist, album, artist or individual song title from any location in the home with a DigiLinX controller, including in-wall touchscreens or wireless remotes.

The NS-IPD-100 can be placed anywhere convenient such as a counter, desktop or shelf. The dock connects exclusively to a NetStreams AP500 or EIM2RCA within a DigiLinX multi-room AV system with an audio connection directly to a SpeakerLinX SL251 or TouchLinX TLA250 local input port and is controlled via the DigiLinX Ethernet network.

The NS-IPD-100 is perfect for those who wish to enjoy their iPod music library on their DigiLinX multi-room AV system.

SERVICE AND SUPPORT

If you need assistance setting up or operating your NS-IPD-100 iPod Docking Station, please contact us. We welcome your comments so we can continue to improve our products and better meet your needs.

Technical Support
Telephone: 1.866.353.3496 or 1.800.283.5936
Fax: 1.512.977.9398
E-mail: Support@NetStreams.com
Web site: www.NetStreams.com

Sales and Customer Service
Telephone: 1.800.705.2103
Fax: 1.512.977.9398
E-mail: Sales@NetStreams.com

Product Returns
All product returns require a Return Material Authorization (RMA) number. Contact NetStreams Technical Support before returning your product. Make sure you return all the items and packing materials that originally shipped with your product.
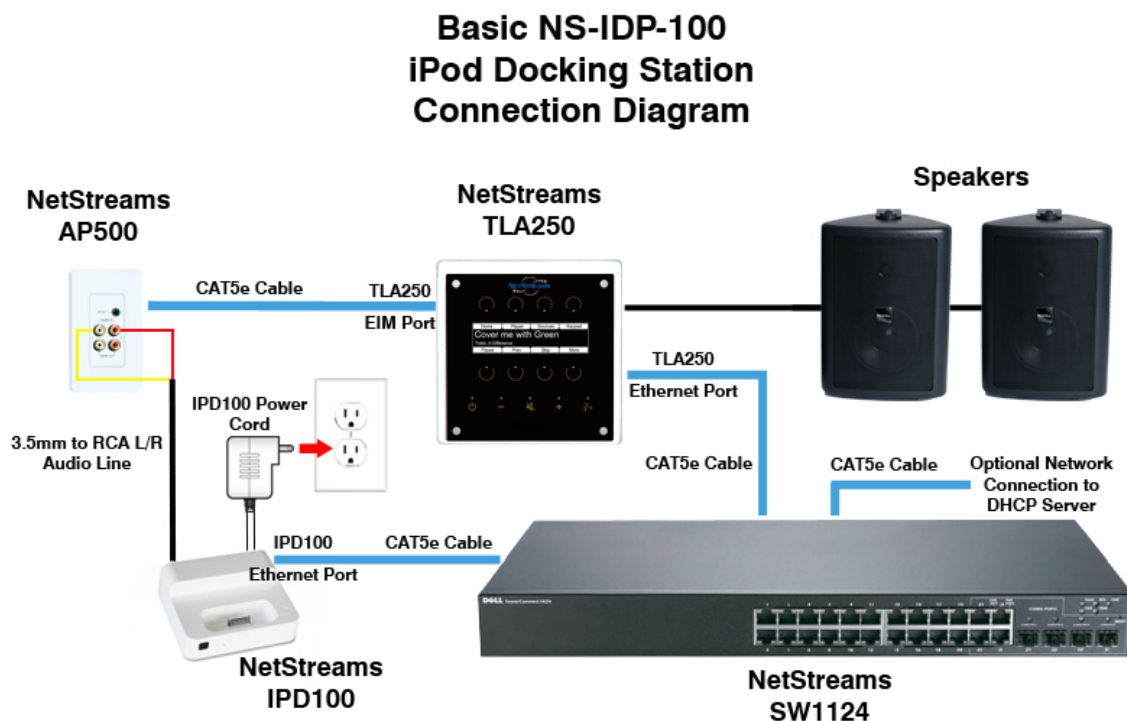
PACKAGE CONTENTS

The illustration below shows the parts that ship in the box with the NS-IPD-100 iPod Docking Station. Contact your dealer for replacement parts and accessories.

> **NOTE: NetStreams is not responsible for product damage incurred during shipment. You must make claims directly with the carrier. Inspect your shipment carefully for obvious signs of damage. If the shipment appears damaged, retain the original boxes and packing material for inspection by the carrier. Contact your carrier immediately.**

CHAPTER 2: BASIC SYSTEM CONNECTIONS

Use the diagram below to configure a basic system integration.

**Basic NS-IDP-100
iPod Docking Station
Connection Diagram**

> NOTE: CAT5e cable run between the NetStreams AP500 and the EIM Port on the host device (NetStreams TLA250 in above diagram) should not exceed 60' in length.

CAT5e cable runs back to the switch (NetStreams SW1124 in above diagram) should not exceed 300' in length due to 10/100Based-T LAN limitations.

The distance between the NS-IPD-100 Docking Station and the NetStreams AP500 should not exceed 20'.

The Synch button is active but the Video and IR Ports are not active on the NS-IPD-100.

The devices in the above diagram are for reference only and are not included with the NS-IPD-100 unit.

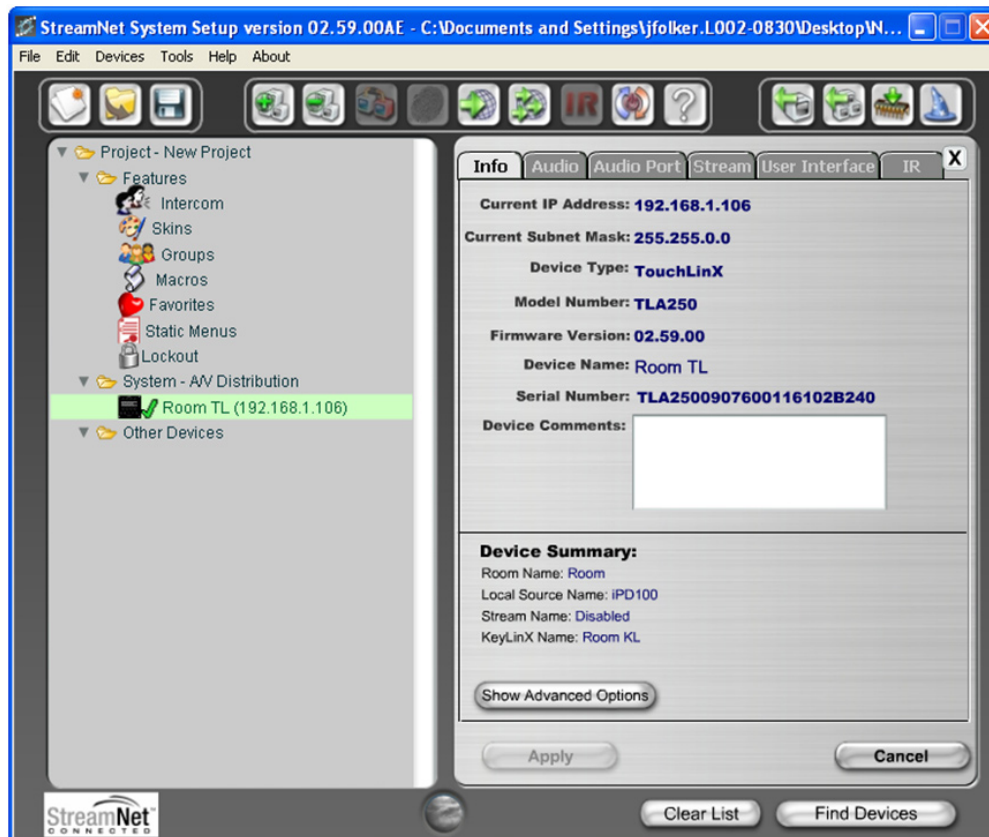# CHAPTER 3: DEALER SETUP AND CONFIGURATION

SCREEN OVERVIEW

The components of the Dealer Setup screen are outlined below.

Standard Toolbar

Dealer Setup Toolbar

Project Panel

Device Panel

SETUP

Use the following steps to configure an IP Address and the optional DHCP Server.

1. Launch the Dealer Setup application. The Dealer Setup application will search and identify each IPD100 device currently on the NetStreams network. A list of found devices will appear in the Device Panel of the Dealer Setup screen.

   > **NOTE: If setting up via the optional DHCP method, verify that the IP settings of the IPD100 and the device it is paired with (TouchLinX TLA250 as shown in the Basic Connections diagram above or the SpeakerLinX SL251) are consistent. Units must be on the same IP Subnet.**

2. Select the device that provides the user interface to the Docking Station (TLA250 in the Basic Connection diagram) from the selection on the screen's Project Panel then click the "**Show Advanced Options**" button on the Device Panel.
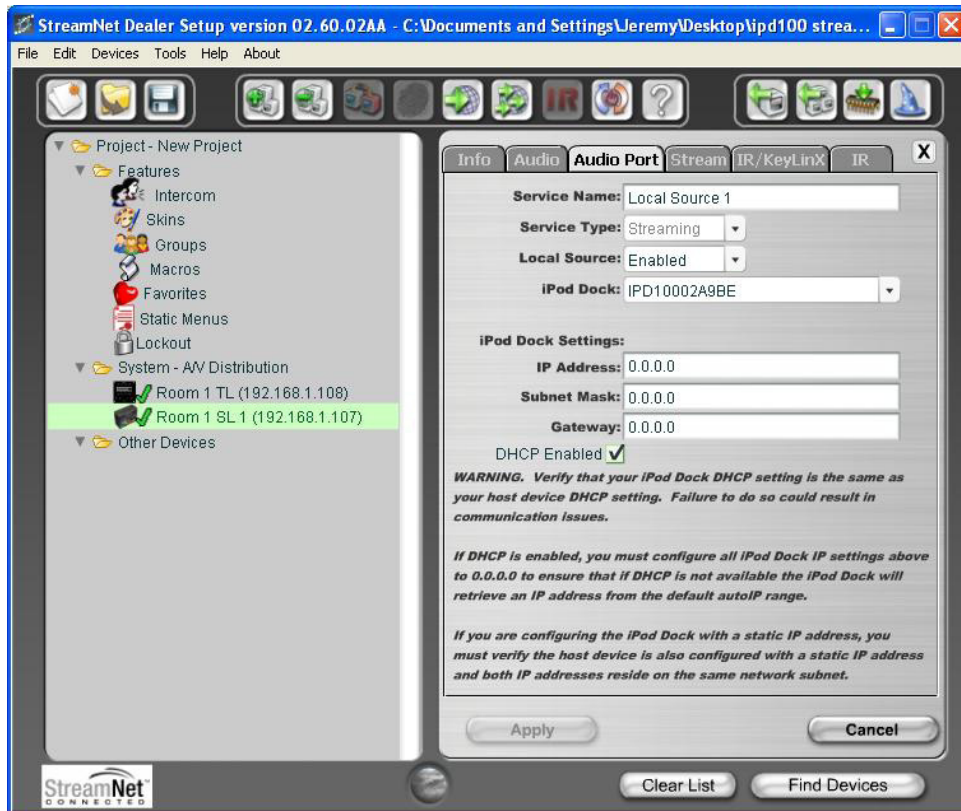
3. On the Device Panel, click on the **Enable Static IP** and enter the IP, Subnet Mask and Gateway addresses of the interface device (TLA250 as shown in the Basic Connection diagram). Optionally, check the **Enable DHCP** checkbox if a DHCP server is to be used. If the DHCP is enabled and a DHCP server are not available, the TLA250 or the SL251 will revert to the Auto IP address settings in the Dealer Setup.
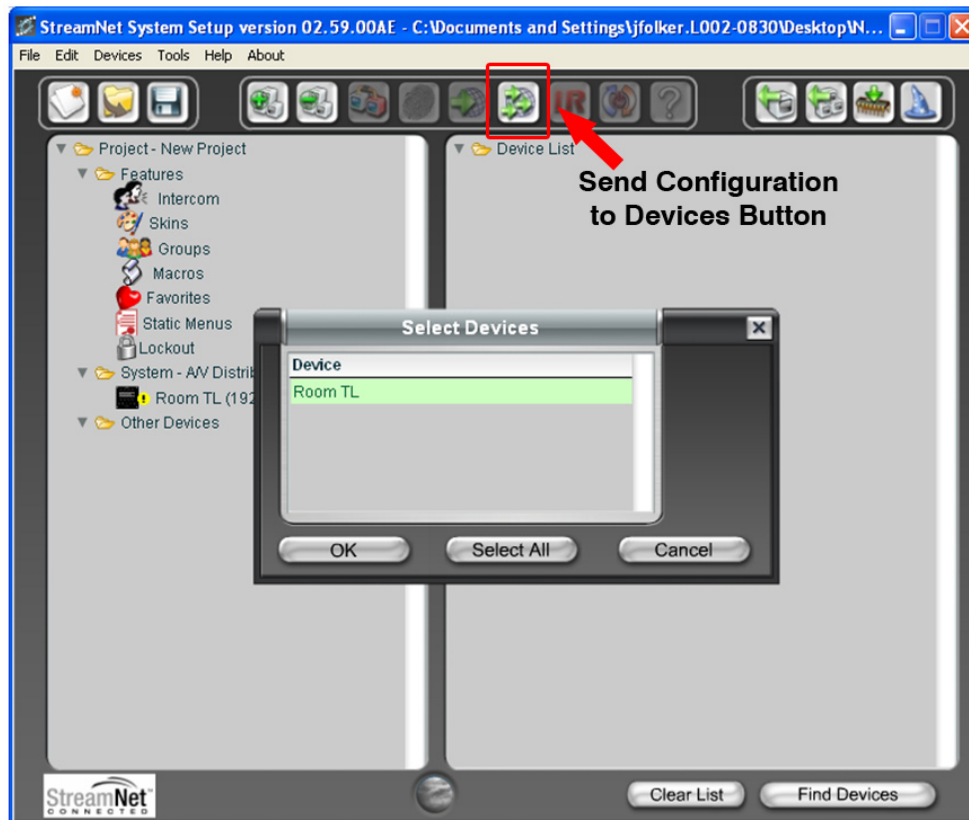

4. Click on the "**Apply**" button in the lower-left of the Device Panel.

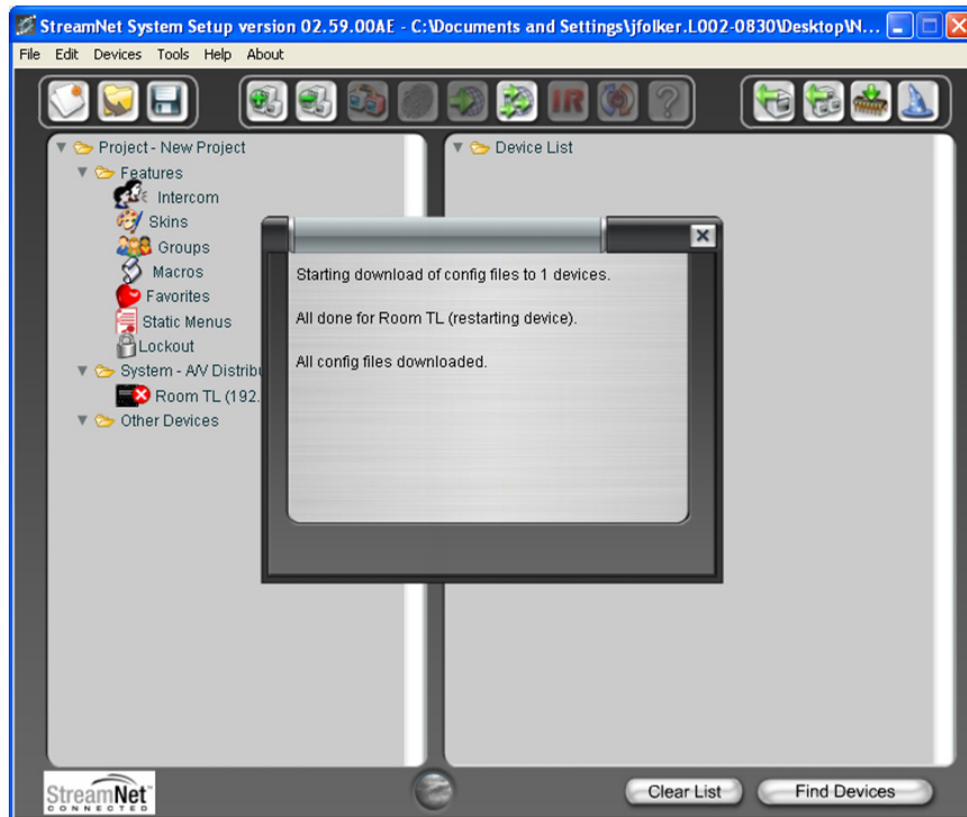5. Select the **Audio Port** tab on the Device Panel.

6. Locate the **Service Name** field on the Device Panel. Enter the name of the IDP100. This name will appear on the user interface as a source or it can be left with the default name.

7. Click on the drop-down arrow to the right of the iPod Dock option to display a list of IPD100 devices on the network.

    > **NOTE: If more than one IPD100 is integrated, it is important to know which Audio Port each IPD100 is assigned to for correct integration. The iPod Dock naming convention begins with "IPD100" followed by the last six characters of the device's MAC Address found on the bottom of the IPD100.**

8. Select the appropriate iPod Docking Station ID from the list.

9. If using a Static IP Address, enter the IP, Subnet Mask and Gateway Addresses of the IPD100, otherwise, proceed to Step 10.

10. Enable or disable the DHCP as necessary by clicking on the DHCP Enabled checkbox (DHCP is enabled by default). Refer to the on-screen information to further detail the setup and configuration of the IPD100.

    > **NOTE: Refer to the NetStreams User's Manual for specific information regarding the Service Name, Service Type and Local Source fields.**

11. Click on the "**Apply**" button located in the lower-left of the Device Panel to store the changes.

12. Click on the "**Send Configuration to Devices**" button from the Dealer Setup toolbar.

13. Click on the "**Select All**" button from the dialog screen that appears then click on the "**OK**" button.

14. Once the system is done updating the new device, a dialog window will display a message stating that the update is complete. The device interface (TLA250 in the Basic Connection diagram) will restart. Once the restart is finished, a green check-mark will appear showing that the device has successfully been configured.

15. Click the "**X**" button in the upper-right of the dialog window to exit this screen.

16. From the user interface (TLA250 in the Basic Connection diagram), set the Source to be the iPod Docking Station. This will allow the end user to control the connected iPod, access its library of music, make selections and view the metadata (including cover art) of the selection.

SPECIFICATIONS

Wired LAN Interface
10BASE-T

100BASE-TX (Auto-recognition)

Audio
3.5 mm Stereo
Unbalanced Line Level Audio Out

Dimensions
(W x D x H)
4.25" x 3.50" x 1.50"
(110 mm x 90 mm x 40 mm)

Weight
6.5 oz. (185 g)

Power
Input: AC Adapter 100 - 240 VAC, 50/60 Hz

Output: 5 VDC 2A (10W Max)

Environmental
Temperature:

41 - 113° F (5 - 45° C)

Humidity: 10% - 90%

Heat Dissipation: 15 BTU

Warranty
Two (2) Years

Product Compatibility List
iPhone 1G, 3G, 3GS

iPod 3G, 4G, 5G

iPod Classic

iPod Mini 1G, 2G

iPod Nano 1G, 2G, 3G, 4G, 5G

iPod Photo

iPod Touch 1G, 2G
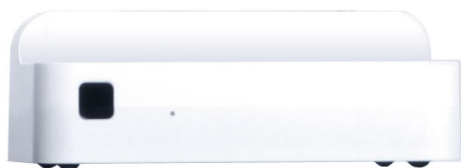
NetStreams SL251 and TLA250

iPod Control
Music Content Browse

Music Playback Control

Playing Track Information Retrieval

Track Artwork Retrieval

iPod Settings Control
  (Shuffle, Next, Previous, Play/Pause and Stop)

Agency Certification
RoHS

REACH

FCC Class B Part 15 Subpart B

VCCI Class B

CE Listed

Model Number
NS-IPD-100

CEDIA
CUSTOM ELECTRONIC DESIGN & INSTALLATION ASSOCIATION
Member

CEA
Consumer Electronics Association
MEMBER

infoComm
ICIA MEMBER