

# TransDock™

USER MANUAL

**© 2007 Digital Lifestyle Outfitters**  
DLO logo, Digital Lifestyle Outfitters & TransDock  
are trademarks of Digital Lifestyle Outfitters.  
iPod is a registered trademark of Apple, Inc. in  
U.S. and/or other countries.  
All Rights Reserved  
Printed in China M-93040-070120-B

# Contents

<u>Quick Start</u>	<u>4</u>
Controls and Connections	6
Included in the Box	7
TransDock Controls Chart	8
About the DLO TransDock	9
<u>Using Your TransDock</u>	<u>10</u>
Setting Up Your TransDock	10
Finding Empty Radio Frequencies	12
Tuning Your TransDock	13
<u>TransDock Features + Settings</u>	<u>14</u>
TransDock Modes	14
Setting and Using Preset Stations	15
Charging Cell Phones/PDA's/Gaming Systems	16
Watching iPod's Videos on a Mobile Video System	16
Controlling the LCD Backlight	16
TransDock Intelligent Power Control	17
Getting the Best Sound Quality	17
Using a Cassette Adapter or Direct Input	18
Using other MP3 Players or Devices	18
<u>Tips + Troubleshooting</u>	<u>20</u>
<u>Tech Specs</u>	<u>22</u>
<u>Service + Support</u>	<u>23</u>
<u>Warranty</u>	<u>24</u>
<u>FCC Statement</u>	<u>25</u>

# Quick Start

Thank you for your purchase of the DLO TransDock, the best and most versatile all-in-one iPod auto accessory in the world.

**We'll get you up and running in 4 easy steps:**

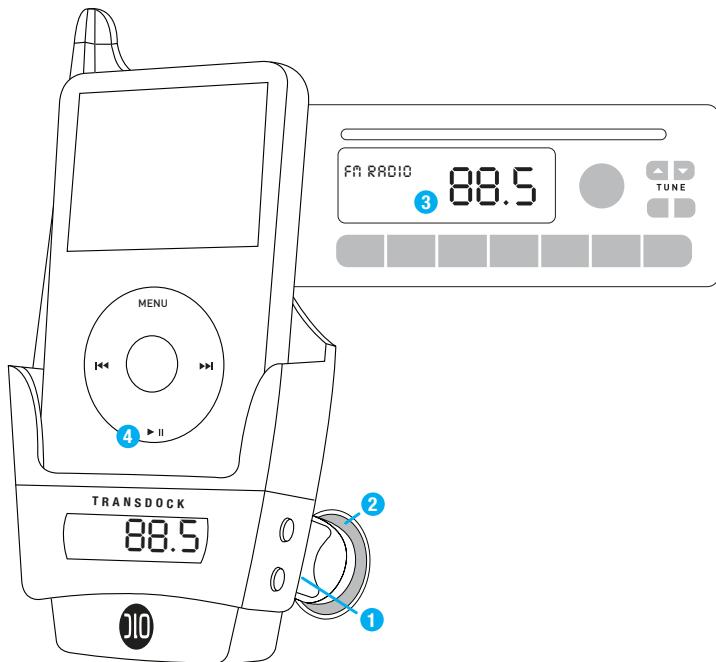
**STEP 1** - Connect the Charger Arm to the TransDock Cradle.

**STEP 2** - Adjust the TransDock to fit into your Auto Power Outlet and plug it in.

**STEP 3** - Tune your car stereo to 88.5 FM.

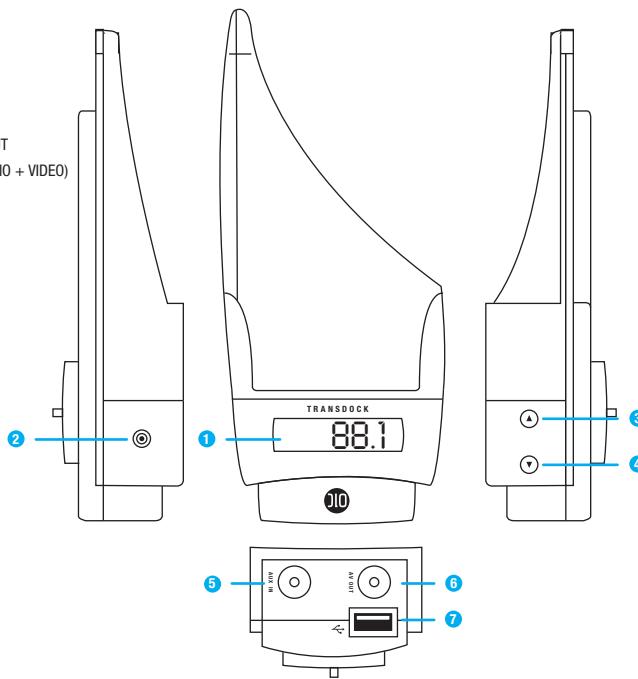
**STEP 4** - Slide your iPod or iPod nano into the TransDock and press Play.

You can now enjoy your iPod's music played through your car stereo, while it's charging and securely cradled. For more detailed instructions and tips, please read [Setting Up Your TransDock \[pg 10\]](#).

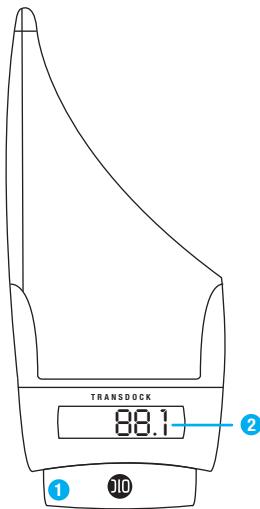


## Controls + Connections

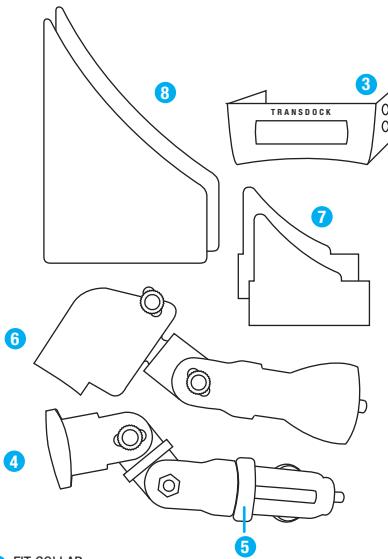
- ① LCD DISPLAY
- ② MODE BUTTON
- ③ UP BUTTON
- ④ DOWN BUTTON
- ⑤ AUXILIARY AUDIO INPUT
- ⑥ IPOD AV OUTPUT (AUDIO + VIDEO)
- ⑦ USB POWER OUTLET



## Included in the Box



- ① TRANSDOCK
- ② DASHBOARD BLACK FACEPLATE (ON TRANSDOCK)
- ③ SMOOTH SILVER FACEPLATE
- ④ CHARGER ARM



- ⑤ FIT COLLAR
- ⑥ EXTENDER ARM
- ⑦ 1G & 2G IPOD NANO INSERTS
- ⑧ IPOD FIT PADS

# TransDock Controls Chart

FUNCTION	MODE BUTTON 	UP BUTTON 	DOWN BUTTON 
MANUAL TUNING	Press Mode  Button until display shows a frequency. e.g. 88.5 (this is the default Mode for TransDock)	Press Up  Button to tune frequency up [88.1 - 107.9]	Press Down  Button to tune frequency down [107.9 - 88.1]
TUNE TO PRESET STATIONS/FREQUENCIES	Press Mode  Button until display reads <b>PRE</b>	Press Up  Button to select next preset [PRE 1 - PRE 6]	Press Down  Button to select previous preset [PRE 1 - PRE 6]
BACKLIGHT TIMER	Press Mode  Button until display reads <b>SET</b>	Press Up  Button to set Backlight timer <b>TIME</b>	Press Down  Button to select between: [00, :05, :10, :20, ON] Default is :10
BACKLIGHT BRIGHTNESS	Press Mode  Button until display reads <b>SET</b>	Press Up  Button to set Backlight Brightness <b>LITE</b>	Press Down  Button Adjusts Backlight Brightness from [1...4] Default is 3
LEVEL ADJUST	Press Mode  Button until display reads <b>SET</b>	Press Up  Button to set Level Adjust <b>LEV</b>	Press Down  Button to Select Level [1...3], Default is 3

# About the DLO TransDock

The TransDock is basically a mini radio station that broadcasts your iPod or iPod nano's audio to the FM radio in your car, truck, boat – anything that has a 12v Auto Power Outlet. It charges the battery in your iPod while cradling it for easy access in your car. It will also charge your USB-chargeable cell phone, PDA, gaming system or other device, as well as broadcast audio from all kinds of digital devices over your car stereo. If that's not enough, the TransDock features an AV Out Port so you can watch an iPod's video over a portable video system in a car or van.

The TransDock has two buttons on the right side of the unit for easy tuning. Other features include six programmable presets, Level Adjuster, controllable LCD backlight, external device input, cassette or line-out, and power control.

## Turning TransDock Off or On

To manually turn TransDock Off or On while car power is on, press and hold the **Mode Button** down for 3 seconds.

**NOTE:** TransDock normally turns On & Off automatically with your car.

## Setting a Preset

1. Press the Mode Button to access Preset (PRE) Mode.
2. Select Preset number with **Up** or **Down Buttons** [ **PRE 6 - PRE 1** ]
3. Push and hold down **Up** or **Down Button** until OK appears on the LCD in order to save your preset station.

## To reset TransDock to default or factory settings

Hold the **Mode Button** down for 6 seconds with the unit either on or off.

# Using Your TransDock

## Setting Up Your TransDock

### **1. Connect the Charger Arm to the TransDock Cradle.**

Take the Charger Arm, insert the flat side into the back of the TransDock Cradle body and turn 90 degrees clockwise to lock it into place. Do not use the included Extension Arm until you have determined that you'll need it to fit TransDock into your car. Most cars will do fine with just the shorter Charger Arm.

### **2. Adjust your TransDock to fit into your Auto Power Outlet and plug it in.**

Loosen the Charger Arm knobs to adjust the angle of the TransDock for the best placement and access to your iPod. Adjusting the arm angles is easier when the TransDock is not plugged into the Auto Power Outlet. When you've found a good fit, tighten the knobs back up and then plug the Transdock into your Auto Power Outlet. If you have trouble finding a comfortable position for the TransDock, or it happens to block controls in your car, use the TransDock Extension Arm to achieve another position.

### **3. Tune your car stereo to 88.5 FM.**

This is the initial broadcast frequency for the TransDock. If your TransDock is already plugged in, you should hear silence. If 88.5 is not an empty frequency in your area (i.e. there is music or talk already on that station in your area) you may hear static. Try finding another station in your area with less interference. For help doing this, please see [Finding Empty Radio Frequencies \[pg. 12\]](#).

### **4. Slide your iPod or iPod nano into the TransDock's Cradle and press Play.**

- For thinner iPods (video 30GB for example), remove any insert, attach the included Fit Pad for a perfect fit. Then, slide your iPod in.

- For larger iPods (40GB photo, 60GB photo for example) - remove any insert, then slide your iPod right in.
- For 2G iPod nano owners - use the included 2G nano insert to securely fit your 2G iPod nano into your TransDock.
- For 1G iPod nano owners - use the included 1G nano insert to securely fit your 1G iPod nano into your TransDock.

### Changing your TransDock Faceplates

TransDock features removable faceplates that allow you to customize the look of your TransDock. Two Faceplates are included, Dashboard Black and Smooth Silver. Additional Faceplate colors and styles will be available soon. Check <http://www.dlo.com> for more information.

To change your TransDock Faceplate, carefully separate the Faceplate from the back of the TransDock body with your fingernail or a small flathead screwdriver. Then carefully lift the sides over the control buttons and away from the TransDock.

To snap on the new Faceplate, carefully guide the sides of the Faceplate over the buttons and snap it into place.

### Enjoy the Ride

You can now enjoy your iPod's music played through your car stereo, while it's charging and securely cradled in your car. Control your iPod with its Click Wheel, just as you normally would except for the volume. Use your car stereo to adjust the volume instead of the iPod. Your TransDock is using the superior line-out audio from the bottom of your iPod, which is not controlled by your iPod's volume control on its Click Wheel.

## Finding Empty Radio Frequencies

If you live in a big city with a lot of radio stations, finding an empty FM frequency can be tricky. What is an empty frequency? It's a frequency on your car radio where you can't hear a radio station, where there is only static and not even a faint radio station can be heard.

**Here are some tips for finding an empty frequency:**

- Be sure to search the entire spectrum of FM frequencies, from 88.1 to 107.9. Don't just look to the low end of the dial. There are often empty FM stations in the 100's that will work great.
- When using the scan function on your car stereo, if your tuner stops on 101 and then jumps to 103, look in the 102 range of frequencies for an empty frequency.
- Try scanning to a strong station, then backing down two frequencies - for example 103.5 to 103.1. You can often find empty frequencies this way. If that frequency is taken, scan to the next station and try again.
- Save a preset station on your radio when you find a frequency that works well in your area. Then set these presets on your TransDock for different driving areas (ie. **PRE 1** for home, **PRE 2** for commute, etc). To learn how to set your presets on your TransDock read [Setting and Using Preset Stations \[pg. 15\]](#).

## Tuning Your TransDock

To tune your TransDock, use the **Up/Down Buttons** on the right side of the TransDock Cradle. Use the **Up Button** for tuning up, and the **Down Button** for tuning down.

The TransDock also has 6 preset stations you can try. The default frequencies for these presets are 88.1, 88.5, 94.9, 100.9, 103.9 and 107.9. To cycle through these presets, press the **Mode Button** on the left side of the TransDock once, or until you see [**PRE**] displayed on the TransDock LCD. Next, simply press the **Up** or **Down Button** to cycle through the preset frequencies. The LCD will show which preset number you're broadcasting to, i.e. **PRE1**, **PRE2**, etc, and then the preset frequency. You can set your own preset when you find frequencies that work well in your area. To learn how, read [Setting and Using Preset Stations \[pg. 15\]](#)

# TransDock Features + Settings

## TransDock Modes

The TransDock features multiple Modes to let you customize your listening (or viewing) experience in the car.

1. Manual Tuning Mode (e.g. "88.5" or other frequency displayed), which is the default mode, allows you to tune your TransDock using the **Up/Down Buttons** on the side of the unit.
2. Preset [ **PRE** ] Mode lets you tune to 6 different frequencies you've set as preset stations for quick and easy tuning. Just find the frequencies that work best and set them as presets by pressing the Up/Down Buttons simultaneously and then tune to them in Preset [ **PRE** ] mode. See [Setting and Using Preset Stations \[pg. 15\]](#)
3. Settings Mode [ **SET** ] gives you several different selections to customize your TransDock.

### **Choose from:**

- Backlight Timer [ **TIME** ] lets you turn TransDock's backlight off after a certain period of time - select between **00 :05**, **:10**, **:20** and **ON** [Default time is 10] See [TransDock Controls Chart \[pg. 8\]](#)
- Backlight Brightness [ **LITE** ] lets you adjust the brightness of the LCD display - Select levels from **LITE 1** to **LITE 4**. [Default setting is **LITE 3**]
- Level Adjust [ **LEV** ] actually gives you the option of selecting the volume output level that fits your particular music. Select levels from **LEV 1** to **LEV 3**. [Default Level is **LEV 3**]
- Reset All TransDock Settings to Default [ **RSET** ] will quickly reset your TransDock to the factory settings.

**NOTE:** To set up your TransDock in Settings Mode, simply press the **Mode Button** until the display shows [ **SET** ] and then scroll through the Settings menu using the **Up Button** on the right side of the TransDock. When you have found the Setting you'd like to adjust, press the **Down Button** to scroll through its options. Press the **Mode Button** again, after you have made your selection. Please refer to the [TransDock Controls Chart](#) [pg. 8] for a quick reference to the TransDock controls.

### Setting and Using Preset Stations

To set your own preset stations follow these simple steps:

1. Tune the TransDock to the station you'd like to set a Preset for.
2. Press the mode button to access Preset Mode (PRE).
3. Using the Up or Down button, select and hold the preset (1-6) that you would like to set for this frequency.  
**NOTE:** Be sure to hold the Up or Down button until **OK** appears on the LCD to save your preset.
4. Repeat steps 1 - 3 for all available Preset channels (up to six).
5. To cycle through your preset stations, briefly press the **Mode Button** until you are in Preset [ **PRE** ] Mode and cycle through your preset stations using either of the **Up/Down Buttons**.

### Charging Cell Phones/PDA's/Gaming Systems or Other USB Devices

The TransDock is unique in that it can also charge a USB device like a RAZR cell phone, a Blackberry or even a Sony PSP or other portable gaming device. The TransDock features a 'smart' USB port on the bottom of the unit. Simply plug in your device with the appropriate cable and keep your unit charged on the road. [See Controls + Connections \[pg.6\]](#)

### Watching iPod's Videos on a Mobile Video System in the Car

If you have a mobile video system in your car or van, the TransDock will play any of your iPod's video content over the system, while it charges your iPod and plays audio simultaneously. Simply plug in an AV mini cable into the AV Port on the bottom of the TransDock and attach the connectors at the other end to your car's AV inputs.

### Controlling the LCD Backlight

The TransDock features a beautiful Indigo Blue backlit LCD display. Its backlight comes on automatically when you power up the TransDock and any time you change frequencies. It then automatically dims after 10 seconds.

You can customize the backlight to turn off after a certain period of time (or have it always on or off) under the Settings Mode on the TransDock. See [TransDock Controls Chart on \[pg. 8\]](#)

### TransDock Intelligent Power Control

The TransDock features Intelligent Power Control. It turns on automatically when you plug it in or when you connect your iPod. It then automatically shuts itself off when not in use for 1 minute, i.e. when no player or device is attached. This feature is ideal for owners of cars that do not turn their Auto Power Outlets off. TransDock will turn itself off – and protect your battery for you.

To manually power down the TransDock, hold the **Mode Button** down for several seconds. This will completely turn off the TransDock until you manually turn it on again or it automatically turns on as described above. To manually turn TransDock back on while off, press and hold the **Mode Button** for three seconds.

### Getting the Best Sound Quality with Your DLO TransDock

- The TransDock features a Level Adjust setting that allows you to tailor the response of the unit to best match the type of audio source or music content you are listening to. Press the **Mode Button** until the LCD displays [ **SET** ], press the **Up Button** until you see [ **LEV** ] appear on the display. To adjust the Volume Level Output on your TransDock, simply press the **Down Button** to the desired level (1-3) under [ **LEV** ] in Settings Mode.

**NOTE:** Different types of music will sound better at different Volume Output levels on the TransDock, so be sure to set the level that best suits your music.

- Make sure the frequency you've tuned to is empty and not near a strong station. A good place to start is channel 88.5, which is the initial frequency on the TransDock and is often an open station.

- The TransDock will tune to any radio frequency, from 88.1 to 107.9, so try the entire spectrum until you find an unoccupied channel. To learn more see [Finding Empty Radio Frequencies \[pg. 12\]](#).
- Be sure to manage your music's volume, bass and treble settings using your car stereo's controls.

#### Using TransDock with a Cassette Adapter or Auxiliary Audio Input in Your Car

The TransDock can be connected to your car stereo with a cassette adapter or a mini plug cable for cars with auxiliary input jacks. This is a great idea because your TransDock will still cradle and charge your iPod, and it will provide access to the superior line-out signal from the iPod dock to your cassette adapter or car input.

The output for these applications is located on the bottom of the TransDock. Just plug your cassette adapter or mini cable into the AV Out jack, then plug your cassette adapter or mini plug directly into your car stereo.

#### Using the TransDock with other MP3 Players or Devices

The TransDock will also transmit the music from other devices like other iPods, MP3 players, portable game devices, portable DVDs, etc. To do this, just plug your audio device into the TransDock's Auxiliary Input Jack using a standard male-to-male mini cable (not included). The TransDock will broadcast the device's audio using its high-quality FM transmitter.

When the TransDock is broadcasting audio from another device, it is very sensitive to the variable output levels of the device. To get the best sound and performance

in this situation, you will need to adjust the volume level of your device up or down very carefully, until there is no distortion, only clear sound. Then control the overall volume of your music with your car stereo's volume control and not the device.

# Tips + Troubleshooting

## I can't seem to find a comfortable fit for the TransDock in my car.

### What can I do?

All car interiors are different in their placement of their Auto Power Outlets. It can be challenging to find just the right way to fit TransDock into certain cars. Do loosen the arms for complete flexibility when attempting to fit the unit into your car. Also try the Extension Arm to fit seemingly difficult or out of the way positions. If you have tried all possible adjustments and you still can't find a good connection, please contact [DLO Tech Support](#) for further assistance. Please visit our website at [www.dlo.com](http://www.dlo.com) and click [Support](#).

## I'm having trouble finding an empty FM frequency in my area.

Be sure to look in the 100's, not just in the 80's or 90's. Try scanning to a strong station, then back down two frequencies - for example 103.5 to 103.1. If that frequency is taken, try scanning to the next strong station and repeat. For more tips and information read the [Finding Empty Radio Frequencies \[pg. 12\]](#).

My music is playing but there seems to be a lot of static.

First, check that you have found an empty frequency. Unplug the TransDock to see if there might be a radio station interfering. If so, try another frequency. Also, you may need to try a different setting on the Level Adjust. See [Getting the Best Sound Quality with Your DLO TransDock \[pg. 17\]](#)

**My radio will only scan to occupied FM stations.**

Many car radios default to scan mode for tuning, so they automatically tune to a radio station. Most of these radios can be switched to manual tuning (consult your car or stereo manual on how to do this). You can also "find" your TransDock's frequency by scanning to it. Your car stereo's scan function will most likely automatically find the TransDock.

**If I leave the TransDock plugged into my car's power outlet, will it drain my car battery?**

No. The Intelligent Power Control will automatically turn the TransDock off after 1 minute of inactivity. When off, the TransDock does not present a significant drain on a car battery.

**Can I use the TransDock with the iPod shuffle or other devices?**

Yes. Just plug any audio device into the TransDock Auxiliary Input Jack on the left side of the unit using a standard male-to-male mini plug (not included). The TransDock will broadcast the audio from another iPod, MP3 players, portable gaming systems, DVD players, laptops or any other audio device.

# Tech Specs

## FM Transmitter

**Modulation:** FM Stereo

**RF Output Frequency Range:** 88.1 - 107.9 MHz

**Six Default Preset Frequencies (MHz):** 88.1, 88.5 [initial], 94.9, 100.9, 103.9 and 107.9

**Frequency Adjustment:** 0.1 MHz per step

**Frequency Response:** 50Hz ~ 18KHz

**Transmitter Range:** Up to 27 feet (8.2M)

**Tuning:** Digitally controlled crystal oscillator

**International frequency compatible**

## Power

**Input Voltage:** 12 - 16 VDC

**Input Current:** <400mA @ DC12V-16V when charging

## Connectors

**Auxiliary Input Jack:** 3.5mm Stereo mini jack

**Direct Output:** iPod AV Out / Stereo mini jack

## Temperature

**Storage Temperature:** - 4° to 122° F [-20° to 50° C]

**Operating Temperature:** -14° to 104° F [-10° to 40° C]

## Service + Support

For more information, updates and tips, please visit our website at [www.dlo.com](http://www.dlo.com) and click **Support**.

# Warranty

## Digital Lifestyle Outfitters Limited Manufacturer's Warranty

**What This Warranty Covers.** DLO (Digital Lifestyle Outfitters) warrants this product against defects in materials and workmanship. This limited warranty applies only to products manufactured by or for DLO.

**What This Warranty Does Not Cover.** This warranty does not apply to damage caused by: (a) accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions, or products not manufactured by or for DLO; and (b) aftermarket services (including upgrades and expansions).

**How Long This Warranty Lasts.** This warranty lasts for a period of ninety (90) days from the date of original retail purchase.

**What DLO Will Do.** If a defect exists, DLO will exchange the product, at its option, with a product that is new or has been manufactured from new or serviceable used parts and that is at least functionally equivalent to the original product. DLO will warrant a replacement product against defects in materials and workmanship for a period of ninety (90) days from the date of replacement.

**How To Get Service.** In order to be eligible for this warranty, you MUST register your purchase at [www.dlo.com/register](http://www.dlo.com/register) within thirty (30) days of purchasing this product. If you believe that this product is defective in materials or workmanship, please e-mail [customerservice@dlo.com](mailto:customerservice@dlo.com) with a brief description of the problem, for further instructions.

**No Change To Warranty.** No DLO reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty.

**How State Law Applies.** This warranty gives you specific legal rights, and you also may have other rights that vary from state to state, or country.

**Restrictions On Implied Warranties.** All implied warranties, including, without limitation, warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

**Restrictions On Damages.** DLO is not responsible for direct, special, incidental or consequential damages resulting from any breach of warranty or condition or under any other legal theory (including, without limitation, lost profits; downtime; goodwill; damage to or replacement of equipment and property; failure to maintain the confidentiality of data stored on the product; and any costs of recovering, reprogramming or reproducing any program or data stored in or used with products manufactured by or for DLO). Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you

W1000-050803-B

# FCC Statement

## Federal Communications Commission Interference Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: [1] This device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Any such modification could void the user's authority to operate the equipment.



Thanks for purchasing the DLO TransDock  
**enjoy the ride.**

