

SM PRO AUDIO DI-DOCK LIVE

DI-DOCK LIVE



SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of electrical shock, do not remove the cover or rear panel of this unit. No user serviceable parts inside. Please refer servicing to qualified personnel only.

WARNING: To reduce the risk of fire or electrical shock do not expose this appliance to rain or moisture.

DETAILED SAFETY INSTRUCTIONS:

All safety and operation instructions of this manual should be read and adhered to before operation.

Retain Instructions:

Please retain all safety and operating instructions for future reference.

Follow instructions:

All operation and user instructions should be followed.

Water, liquid and Moisture:

The appliance should not be used near water, rain or other liquids. Make sure that no liquid can leak, spill or otherwise seep into the appliance.

Ventilation:

Please place the appliance so no obstacles interfere or impede the flow of air through the ventilation openings.

Heat:

The appliance should be situated away from other heat sources such as heaters, radiators, ovens, or other appliances that produce heat.

Power Source:

Make sure your appliance is set to the correct voltage for the country in which it will be used.

Grounding and Polarization:

Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

Power-Cord Protection:

Power supply cords should be routed so that they are not likely to be walked on, pinched, damaged, worn, or rubbed by any other device or obstacle.

Cleaning:

The appliance should be cleaned only with a light soft cloth. Do not use any damaging or corrosive products on the unit.

Periods of inactivity:

The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

Damage Requiring Service:

The appliance should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped, or the enclosure damaged.

Servicing:

The user should not attempt to service the appliance beyond that is described in the Operating Instructions.

All other servicing should be referred to qualified service personnel.

FOREWORD

Dear Customer,

Thank you very much for expressing your confidence in SM Pro Audio products by purchasing this unit. The DI-DOCK LIVE has been designed to be used as a standard tool for home/pro studios, P.A. rental companies, Schools and in many other situations where audio products would be used. With much experience in the audio industry over a long period of time, and along with valuable suggestions from our customers, our engineers have developed a product we know you will be satisfied with. We guarantee you uncompromising quality as well as excellent technical and audio properties at an extremely affordable price.

Regards,
SM Pro Audio

INSTALLATION

Your SM Pro Audio DI-DOCK LIVE was carefully packed in the factory and the packaging was designed to protect the unit from rough handling. Nevertheless, we recommend that you carefully examine the packaging and its contents for any signs of physical damage, which may have occurred in transit.

+ If the unit is damaged, please do not return it to us, but notify your dealer and the shipping company immediately, otherwise claims for damage or replacement may not be granted. Shipping claims must be made by the consignee.

PLACEMENT

The SM Pro Audio DI-DOCK LIVE has an electronic circuit inside as well as isolation transformers. Be sure that there is enough air space around the unit for cooling. As to avoid overheating, please do not place the units on high temperature devices such as power amplifiers or near other units which may have high frequency transmittance such as wireless devices.

MAINS VOLTAGE

The DI-DOCK LIVE can be used with a 12V DC adaptor or with a PHANTOM 48V power source from a mixing console, when used from PHANTOM POWER the recharging circuit will not be enabled, please note that when using PHANTOM POWER you should not enable the transformer isolation as this will cause the unit not to work properly.

SM DI-DOCK LIVE MAIN FEATURES

- IPOD(TM) IPHONE(TM) docking connector
- 6.5mm (1/4") line input connector for Mp3 players
- independant output Level adjustment
- Headphone output and headphone level adjustment
- Transformer isolated (SWITCHABLE) Active DI
- Can be powered from Phantom power (+48V)
- Rugged metal construction
- Recharging circuit
- RCA Left and Right AUX inputs
- Selector Switch for master output (Left, Right, Both)
- Selector Switch for Headphone mixing
- Mix Control for Headphone output
- Remote control input socket

1. INTRODUCTION

Now you can easily mix external signals with your iPod* audio stream. Bring in a click track for live performance; blend in the feed from your monitor system; combine the output of your mixer with your MP3 backing tracks.

Front-panel controls let you quickly create independent master and monitor/headphone mixes. Is the drummer playing to a click track? The audience will never know!

Also features balanced transformer-isolated XLR outputs, Left/Center/Right output select switch, a "charger" mode for making sure your iPod* is always ready to roll, and a remote control input for operating the iPod*.

With the increased number of users preferring to use items such as MP3 players and IPOD's the need for a robust solution to play audio files back from these devices has led us to develop the DI DOCK LIVE.

Many similar devices exhibited increased noise when connected to larger PA systems, with only a 3.5mm (1/8") jack to connect them, malfunctions were easily caused during use.

The solution was to create a Docking station DI which has Transformer Isolated outputs, Active circuitry and be able to be operated from +48V Phantom Power. For monitoring a headphone amp has been included as well. A 'MUST' tool for hire companies or musicians who use these devices.

2. THE DESIGN CONCEPT

2.1 High quality components and design

The philosophy behind SM Pro Audio products guarantees a no-compromise circuit design and employs the best choice of components.

2.2 Inputs and outputs

All inputs and outputs are secured firmly to the exterior chassis housing. This ensures robust quality and confidence in performance under all conditions.

SM DI-DOCK LIVE TOP AND FRONT PANEL

The panel has 2 controls and 2 connectors

4.1 Master Volume

Use this control to adjust the master level output (XLR OUTPUT)

4.2 Headphone Volume

Use this control to adjust the output level for the headphones (1/8" connector On the back side)

4.3 Docking Connector

This is the connector where compatible iPod and iPhones as well as other devices using the same type of connection are connected.

4.4 Front Panel Mp3 or LINE Input

Use this connector for plugging in other devices which do not have a docking connector.

4.5 Output Selector Switch

Use this switch to select which of the channels are being sent to the MASTER XLR outputs. You can select from LEFT, RIGHT, or BOTH. If LEFT is selected for example both XLR outputs will have only the LEFT audio channel present on them.

4.6 AUX to HP

Adjust the input level from the 2 RCA inputs on the back of DI DOCK LIVE to the headphone output.

4.7 Headphone output Select Switch

This switch enables you to select if you will hear the audio in stereo or mono.

4.8 Headphone MIX knob.

Use this control to either PAN the audio signal or mix between LEFT and RIGHT audio level when in MONO mode.



SM DI-DOCK LIVE BACK PANEL

The back panel has all the input and output connectors plus power connector, A Ground/Earth Link screw and a transformer isolation switch.

5.1 Balanced XLR Outputs

Use this output to connect the DI-DOCK LIVE to external devices such as mixers.

5.2 Headphone Output 1/4", 6.5mm Jack

Use this output connector to connect headphones to the DI-DOCK LIVE

5.3 Recharge Switch

Use this switch to select if the DI-DOCK LIVE recharges the connected device (iPod etc), note that when using Phantom power the device cannot be recharged and the headphone amp will not work.

5.4 Transformer Isolation Ground/Earth switch

Use this switch to either use an internal transformer for isolating the output signal from other equipment or do connect the output signal directly.

5.5 Power connection

Use this input for a 12v DC 1amp center positive connection.

5.6 AUX input

Use this connect to mix into the headphones external audio sources.

For example if you had a drum module you are playing on or an output from a mixer.



6. APPLICATION

6.1 Using the DI-DOCK LIVE to connect iPod(tm) to a PA system

Make sure the DI-DOCK LIVE is powered either via the 12v DC connector or Phantom power from a mixing console or other devices which can supply power to the DI-DOCK LIVE. Switch ON your iPod(tm) and then insert it into the DI-DOCK LIVE connector. Make sure it is firmly inserted. Select the song you want played and then adjust the output volume to the headphone or MASTER, the output volumes are not related so you can have a different volume going to the MASTER XLR outputs then the Headphone output. You can also select which audio channels you want to send to the output by selecting the L (left) R(right) or C(both channels) to the XLR outputs.

For Example: You have a Click Track on one channel and Music on the other Channel, you don't want to send the Click track to the front of house mixer so just select the Music tracks channels to be sent to the XLR connectors.

Make sure you run your device (Mp3 or iPod(tm)) at around %60 of the normal volume as this is where your player will have the best signal to noise ration, many Mp3 players exhibit much higher noise at higher levels, use the DI-DOCK LIVE to adjust the output level accordingly.

6.2 Selecting what is played in the headphones

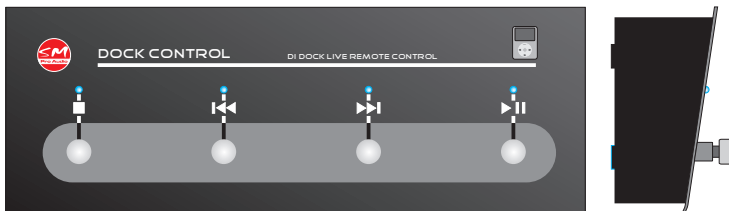
The DI-DOCK LIVE has the unique ability of mixing between the LEFT and RIGHT channels to the headphones. In this way you are able to select how much CLICK track or how much MUSIC track you want to monitor in the headphone while they both appear on both sides together (not a hard pan LEFT and RIGHT). You can also MIX IN to the headphone the AUX inputs and select the level of the AUX input you want. None of these functions affect the XLR outputs.

6.3 Using the DI-DOCK LIVE to connect other LINE LEVEL devices

The only difference here is that you would connect the device you have to the LINE INPUT connector on the front of the DI-DOCK LIVE, you can use the DI-DOCK LIVE as a great KB, Mp3, CD or any other device requiring it's abilities.

6.4 1/8" (3.5mm) remote input socket

In future we will release several remote control units for the DI-DOCK LIVE including foot controls and MIDI controls.



1 WARRANTY CARD

To be protected by this warranty, the buyer must complete and return the enclosed warranty card (signed/stamped by retail dealer) within 14 days of the date of purchase to SM Pro Audio (see address below 3). Failure to return the card in due time (date as per postmark) will void any extended warranty claims.

2 WARRANTY

1. SM Pro Audio warrants the mechanical and electronic components of this product to be free of defects in material and workmanship for a period of one (3) years from the original date of purchase, in accordance with the warranty regulations described below. If any defects occur within the specified warranty period that are not caused by normal wear or inappropriate use, SM Pro Audio shall, at its sole discretion, either repair or replace the product.
2. If the warranty claim proves to be justified, the product will be returned freight prepaid by SM Pro Audio within Australia. Outside of Australia, the product will be returned at the buyer's expense.
3. Warranty claims other than those indicated above are expressly excluded.

3 RETURN AUTHORIZATION NUMBER

1. To obtain warranty service, the buyer must call SM Pro Audio during normal business hours BEFORE returning the product (Tel.: +61 3 9555 8081). All inquiries must be accompanied by a description of the problem. SM Pro Audio will then issue a return authorization number or by email to service@smPro Audio.com
2. The product must be returned in its original shipping carton, together with the return authorization number to: SM PRO AUDIO, MELBOURNE, AUSTRALIA.

4 WARRANTY REGULATIONS

1. Warranty services will be furnished only if the product is accompanied by an original retail dealer's invoice. Any product deemed eligible for repair or replacement by SM Pro Audio under the terms of this warranty will be repaired or replaced within 30 days of receipt of the product at SM Pro Audio.
2. If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country for which the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship.
The warranty does not cover any such modification/adaptation, irrespective of whether it was carried out properly or not. Under the terms of this warranty, SM Pro Audio shall not be held responsible for any cost resulting from such a modification/adaptation.
3. Free inspections, maintenance/repair work and replacement of parts are expressly excluded from this warranty, in particular if caused by inappropriate use. Likewise, the warranty does not cover defects of expendable parts caused by normal wear of the product. Expendable parts are typically pots, potentiometers, switches and similar components.
4. Damages/defects caused by the following conditions are not covered by this warranty:- Misuse, neglect or failure to operate the unit in compliance with the instructions given in the user or service manuals.
- Connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used.
- Damages/defects that are caused by any other condition beyond the control of SM Pro Audio.
5. Any repair carried out by unauthorized personnel will void the warranty.
6. Products which do not meet the terms of this warranty will be repaired exclusively at the buyer's expense. SM Pro Audio will inform the buyer of any such circumstance. If the buyer fails to submit a written repair order within 4 weeks after notification, SM Pro Audio will return the unit C.O.D. with a separate invoice for freight and packing. Such cost will also be invoiced separately when the buyer has sent in a written repair order.

5 CLAIM FOR DAMAGES

Failure of SM Pro Audio to provide proper warranty service shall not entitle the buyer to claim (consequential) damages. In no event shall the liability of SM Pro Audio exceed the invoiced value of the product.

6 OTHER WARRANTY RIGHTS

This warranty does not exclude or limit the buyer's statutory rights provided by national law, in particular, any such rights against the seller that arise from a legally effective purchase contract.
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