



# The Premier Digital Director **User Guide**

Check our website for the most recent user guides,  
firmware, and drivers:  
[www.msbtechnology.com](http://www.msbtechnology.com)

Technical support email is:  
[techsupport@msbtechnology.com](mailto:techsupport@msbtechnology.com)

12.13.2022



## Technical specifications

|  |  |
|--|--|
| Supported Formats<br>(Input dependent) | 44.1kHz to 3,072kHz PCM up to 32 bits<br>1xDSD, 2xDSD, 4xDSD, 8xDSD<br>Supports DSD via DoP on all inputs  |
| Digital Inputs                         | 4x Advanced isolated input module slots  |
| Controls                               | 12 Volt trigger<br>IR remote control   |
| Fuse                                   | 2.5A 250V SLO BLO - 5 mm x 20 mm fuse.   |
| Chassis<br>Dimensions                  | Width: 17 in (432 mm)<br>Depth: 12 in (305 mm)<br>Height without feet: 2 in (51 mm)<br>Stack height: 2.65 in (68 mm)<br>Weight: 18 lbs (8 kg)<br>Product Feet: M6X1 Thread |
| Shipping<br>Dimensions                 | Width: 22 in (558.8 mm)<br>Depth: 18 in (457.2 mm)<br>Height: 7 in (177.8 mm)<br>Weight: 27 lbs (12 kg)  |
| Included<br>Accessories                | Pro ISL input module<br>Pro ISL cable<br>Control Link module<br>Control Link toslink cable<br>User manual<br>IEC power cable<br>3.5mm Mini jack cable                      |

**\*\*\* ATTENTION! \*\*\***

Before installing your new digital director, your DAC firmware must be updated to 3.0.2.1 for Select, 30.21 for Reference, and 20.14 for Premier or later. Otherwise, The Digital Director will not function.

## **Setup and installation**

### **Step 1 - New firmware**

If needed, update your DAC firmware to the latest available version. The latest DAC firmware enables new functionality with the digital director. Firmware update files and instructions can be found at:

[www.msbtechnology.com/Support](http://www.msbtechnology.com/Support)

## Step 2 - Swap digital input modules

**\*\*\*POWER OFF YOUR AUDIO SYSTEM\*\*\***

Install the provided Pro ISL input module into slot 'B' of your DAC and install the provided Control Link module into slot 'A'. Then, install any other digital inputs from your DAC into your Digital Director. When installing and removing input modules please use the tips below for proper handling to reduce risk or damage to your MSB system.

### About the 4 input module slots

The Digital Director has four input module slots. They are labeled A through D. Digital input modules can be placed in any position. However, the control link module and Pro ISL input module in your DAC must be installed in slot A and B. Each module is completely self contained. It is recognized by the Digital Director and identified on the DAC display.

### Removing and Installing Modules

Removal and installation of modules is a completely tool free process that is easily performed at the back of the unit. Under the lower lip of each module is a lever arm. Simply pull the lever out and away until it is perpendicular with the back of the unit. Then gently, but firmly, pull the module lip and lever until the module releases and slide it out of the unit.

### Module Handling

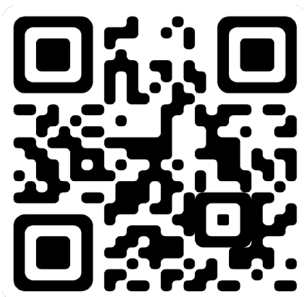
It is important that you refrain from touching the circuit board or rear connector of any input module when removing or installing any input from your unit. When handling these modules it is important that you only contact the metal case of the module or the front edge of the module where the cam arm is located. Improper handling of your modules can result in static shock and damage to the module or unit.

### Step 3 - Make cable connections

After swapping your input modules, the last step is to make a few connections. A description of each connection can be found in the table below as well as a detailed connections diagram on the following page.

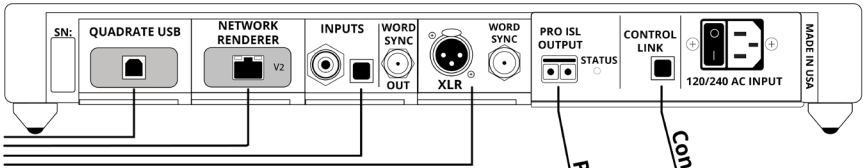
|                |   |
|----------------|---|
| Power          | The Digital Director has a built-in power supply. The power supply automatically detects and switches between 240V and 120V. This is not a switching supply that works at any voltage, but a linear supply with automatic switching of the transformer leads. The unit is switched on and off with a button on the front or via the IR remote. Plug in the provided AC cable to the back of the unit. |
| Input Modules  | The Digital Director comes with a Pro ISL Input Module and a MSB Control Link Module. Simply remove the digital input modules from your DAC and swap them with the modules in your Digital director. Connect your digital input(s) to the appropriate module(s) in the digital director. The frequency and bit depth of the incoming signal will be displayed on the front panel of your DAC.         |
| Pro ISL Output | Connect the Pro ISL output from your Digital Director to the Pro ISL module in your DAC.  |
| Control Link   | Connect the Control Link connector from your digital director to the control link module in your DAC  |

For a detailed video containing instructions for setup, usage, and more information about the digital director, use your smartphone or tablet camera to scan the QR code below.



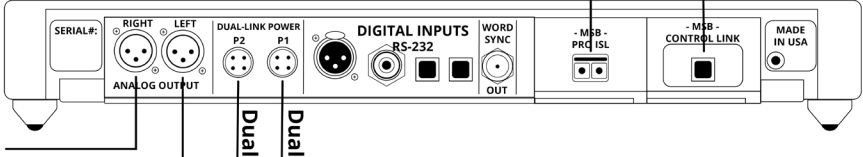
<https://youtu.be/B5esPvxMXo8>

## The Premier Digital Director



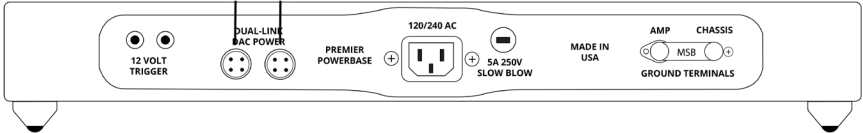
DIGITAL SOURCES

## The Premier DAC



ANALOG OUTPUTS

## The Premier Powerbase



When installed properly, your system should look like the example above. The digital inputs installed in your digital director may vary depending on what sources are in your system, However; the only modules that should be installed in the DAC will be the provided Pro ISL and Control Link modules as well as any analog input modules you may have in your system.

# Digital Director menu options

The following menu options will be viewable in your DAC menu when a digital director is detected in your system. The Digital Director needs to be set to the '*passthrough*' setting whenever you are updating the firmware in your DAC with the digital director connected.

## Select DAC

|                |  |
|----------------|--|
| Digital Direct | <b>Passthrough</b> - Enabled Bit perfect passthrough of files directly to the DAC.<br><b>Filter (default)</b> - Adds digital filtering and optimization. |
|----------------|--|

## Reference and Premier DAC

|        |  |
|--------|--|
| Direct | <b>Pass</b> - Enabled Bit perfect passthrough of files directly to the DAC.<br><b>Filtr (default)</b> - Adds digital filtering and optimization. |
|--------|--|



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by MSB Technology*

# Technical Support

If you are experiencing any issues with your MSB product, please contact your nearest dealer or try our support page at [www.msbtechnology.com/support](http://www.msbtechnology.com/support). Please be sure you have the most current edition of your products firmware installed. If your issue persists please feel free to contact MSB directly. Emails are usually responded to in 24 - 48 hours.

**Email:** [techsupport@msbtechnology.com](mailto:techsupport@msbtechnology.com)

## MSB Return Procedure (RMA)

If a customer, dealer, or distributor has a problem with an MSB product, they should email tech support before sending anything back to the factory. MSB will do their best to respond within 24 hours. Should it be clear that a product must be returned, tech support should be informed and all the following relevant information should be provided:

|   |  |
|---|--|
| 1 | Product in question  |
| 2 | Serial number  |
| 3 | Exact configuration when symptom is observed along with a list with the input used, source material, system connections, and amplifier |
| 4 | Customer name  |
| 5 | Customer shipping address  |
| 6 | Customer phone number and email  |
| 7 | Special return shipping instructions   |

MSB will issue an RMA number and create an invoice with all details outlined except the final price as the product has not yet been seen. This invoice will be emailed so all the above information can be checked and verified by the customer.

The product should be returned with the RMA number present on the box. Work can then begin immediately and the product can be sent back quickly.

Any repair that is difficult and cannot be completed in two weeks will be identified and the customer will be informed when it is to be expected. Otherwise the majority of repairs should be shipped back within two weeks if all the required information is present on the invoice.

**Link to page:**

<http://www.msbtechnology.com/support/repairs/>

# The Digital Director Limited Warranty

Warranty includes:

- MSB warrants the unit against defects in materials and workmanship for a period of **1 year** from the date the unit was originally shipped from MSB.
- This warranty covers parts and labor only, it does not cover shipping charges or tax/duty. During the Warranty period, there will normally be no charge for parts or labor.
- During the warranty period, MSB will repair or, at our discretion, replace a faulty product.
- Warranty repairs must be carried out by MSB or an authorized dealer. Please contact your dealer if your unit requires service.

Warranty excludes:

- The Warranty does not cover standard wear and tear.
- The product is misused in any way.
- Any unauthorized modifications or repairs were performed.
- The product is not used in accordance with the Operating Conditions stated below.
- The product is serviced or repaired by someone other than MSB or a authorized dealers.
- The product is operated without a mains earth (or ground) connection.
- The unit is returned inadequately packed.
- MSB reserves the right to apply a service charge if the product returned for warranty repair is found to be operating correctly, or if the product is returned without a returns number (RMA) being issued.

Operating Conditions:

- Ambient temperature range: 32F to 90F, non-condensing.
- The supply voltage must remain within the AC voltage specified on the power base.
- Do not install the unit near heat sources such as radiators, air ducts, power amplifiers or in direct strong sunlight. This may cause the product to overheat.