

Quick Start Guide for MADI 16 Plus (RTS MADI-16)



MADI 16 Plus Front Card



MADI 16 Plus Back Card



MADI 16 Plus Resource Disk

Includes:

- MADI Technical Data Sheet (F.01U.196.212)
- MADI User Manual (F.01U.193.297)

Requirements

You must have the following:

- AZedit version 3.8.0 or later
- Master Controller version 2.2.0 or later
- MADI 16 Plus version 1.0.0 or later
- If using a multi-frame system, with DBX:
 - DBX version 1.23.0 or later
 - OR
 - TBX version 1.0.1 or later
- PeriphII-e version 1.23.0 or later

Installation

Important: The Maximum number of MADI cards allowed in an ADAM frame is four (4). The maximum number of MADI cards allowed in an ADAM-M frame is two (2).

To **install the MADI 16 Plus front card and back card**, do the following:

1. Gently insert the **MADI 16 Plus front card** into the appropriate ADAM slot.
2. Lightly tighten down the **MADI 16 Plus front card**.
3. From the back of the ADAM frame, carefully insert the **MADI 16 Plus back card** aligning it with the MADI 16 Plus front card.
4. Ensure the **MADI 16 back card** is properly seated against the MADI 16 Plus front card and is sitting firmly in the frame.
5. Tighten the **MADI 16 back card** to the frame.
6. Fully tighten the **MADI 16 front card**.

IMPORTANT: If you remove the MADI 16 Plus back card after installing it, and then replace it, you must reset the MADI 16 Plus front card.

Cabling

Using the drawings located on the other side of this sheet, determine what type of configuration you are going to use for your system.

Configuration

Consult the MADI 16 Plus user manual (P/N F.01U.193.297) for specific instructions to complete the following steps.

To **configure your MADI 16 Plus card**, do the following:

- Step 1** Select your channel allocation scheme.
- Step 2** Select the reference clock source.
- Step 3** Set the sampling rate for the card.
- Step 4** Set the channel size for the card.
- Step 5** Map the channels for the MADI card.

Supported ADAM-M Configurations

The ADAM-M has a limit of only two (2) MADI cards. The following configurations are supported:

TABLE 1. Supported MADI/TBX Configurations for the ADAM-M

ADAM-M with 2 MADI cards and 0 TBX Cards

Place MADI Cards in slots 3 and 6

ADAM-M with 2 MADI cards and 1 TBX Card

Place MADI Cards in slots 3 and 8

Place TBX Card in slot 6

ADAM-M with 2 MADI cards and 2 TBX Cards

Place MADI Cards in slots 3 and 8

Place TBX Cards in slots 5 and 6

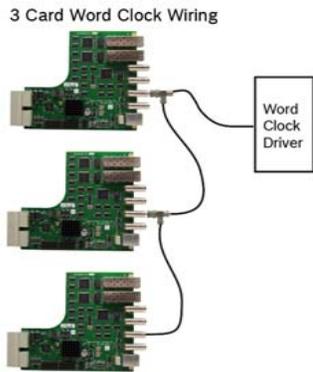
ADAM-M with 1 MADI Card^a and 3 TBX Cards

Place MADI Card in slot 8

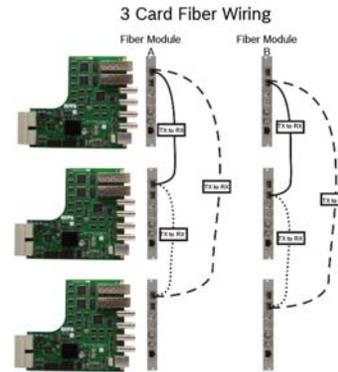
Place TBX Cards in slots 4, 5, and 6

- a. When three (3) TBX cards are used in the ADAM-M, only one (1) MADI card can be used in the system.

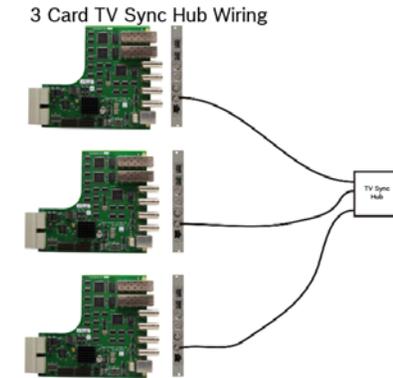
Word Clock Configurations



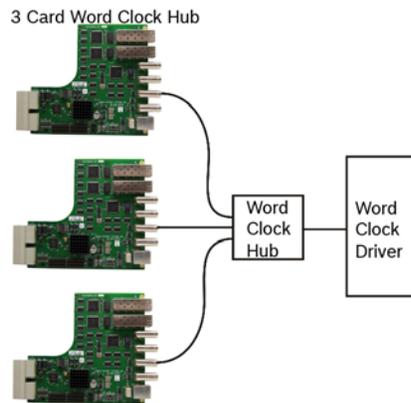
Fiber Configuration



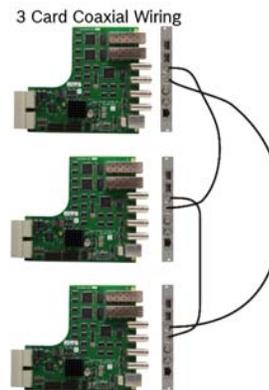
TV Sync Configuration



Word Clock Hub Configuration



Coaxial Configuration



Serial Pass-Through Wiring

