TDF1616

TDIF INTERFACE

Installation manual

Version 1.0 April 2001

ENGLISH

Dear Customer!

Welcome to the team of TDF1616 users and thank you very much for expressing your confidence in BEHRINGER products by purchasing this interface. Although it is really easy to install and operate the TDF1616, we would like to give you a concise introduction to the features of this TDIF-compatible interface for our digital mixing console BEHRINGER DDX3216. The TDF1616 has two TDIF-compliant D-Sub inputs and outputs (each with 8 inputs/8 outputs), which can be connected to any TDIF-compatible multi-track machine using a 25-pin D-Sub cable. The upper connector carries channels 9 through 16, the lower one channels 1 through 8.

Your BEHRINGER TDF1616 was carefully packed in the factory and the packaging is 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 during transit.

☞ **If the unit is damaged, please do not return it to BEHRINGER, 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.**

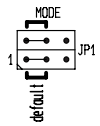
☞ **Static electricity can severely damage electronic components. Before you touch any electronic component, please be sure to discharge any static electricity by touching the metal frame of your DDX3216. Hold the interface on its edges or the two little handles, but never touch the components themselves!**

- ▲ Switch off the mixing console.
- ▲ To install the interface slacken the screws holding the cover over one of the two expansion slots on your digital mixing console BEHRINGER DDX3216. Keep the cover for later re-use!
- ▲ Hold the interface on its two handles of the connecting panel, and insert it completely into the expansion slot. Then, fasten the interface with the screws that held the expansion slot cover before.
- ▲ Switch on the mixing console. Now, the TDF1616 is ready for operation.

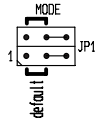
☞ **Routing issues are described in the user's manual accompanying your digital mixing console BEHRINGER DDX3216.**

Jumper settings:

The DDX3216 TDIF interface features a 2 x 3 plug-in contact strip that can be bridged via two jumpers, allowing word clock synchronization to be adapted to any external equipment acting as a word clock slave to the DDX3216. The contact strips are located approximately in the middle of the circuit board.



1. If the left pair of contacts are bridged via two jumpers (factory default), any equipment connected to the TDIF interface receives the word clock signal generated by the DDX3216. We recommend this setting for most TDIF-compatible units. Please select external word clock synchronization on the external unit connected to the TDIF interface.

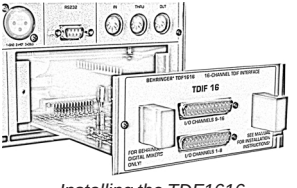


2. If the right pair of contacts are bridged, any equipment connected to the TDIF interface receives its own word clock signal, i.e. the word clock signal generated by the external equipment is looped through the TDIF interface back to the external unit. This allows the use of TDIF-compatible units that cannot be synchronized via external word clock signals transmitted through the TDIF interface. Position 2 should be used with first-generation TASCAM® DA88® recorders or if you should experience synchronization problems with position 1.

☞ **In jumper position 2, any external TDIF-compatible equipment must be synchronized via the external word clock connection.**

WARRANTY

☞ **For our current warranty terms, please refer to our website at http://www.behringer.com, or send us a request via e-mail at support@behringer.de, fax at +49 2154 920 665, or telephone at +49 2154 920 666.**



Installing the TDF1616

Specifications:

Digital Input/Output

Type	25 Pol D-Sub
Standard	TDIF-compatible