

CT-1 4TM

1x4 Digital Audio
Coaxial S/PDIF
Thru Box



MANUAL

CT-14TM

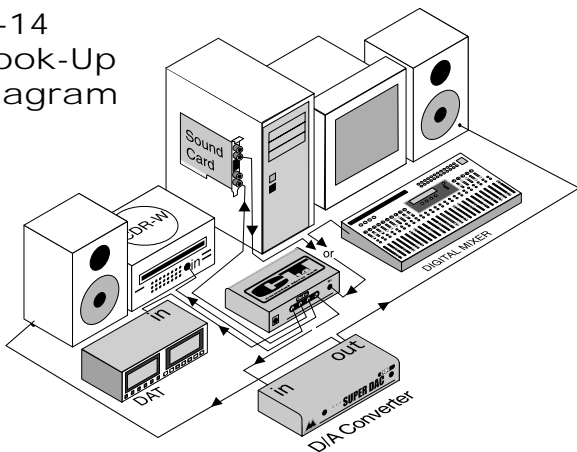
1x4 Digital Audio Coaxial S/PDIF Thru Box

Thank you for purchasing the CT-14, by M Audio. The CT-14 accepts one S/PDIF digital audio signal via coaxial RCA connector and duplicates it to four S/PDIF coaxial RCA outputs, all on the rear of the CT-14. This allows you to take the S/PDIF output of any digital audio source, such as a DAT, CD player, digital mixer, etc., and send it simultaneously to four digital audio targets that are capable of receiving S/PDIF format signals. The CT-14 will flawlessly pass any coaxial S/PDIF signal having 100kHz or less sample rate and any data width. Its active electronics assure that the integrity of your digital signal is never compromised.

The setup example that follows shows what might be a typical mixing scenario. The output of a digital mixer is connected to the CT-14 input, while a DAT, computer-based digital audio card (such as an M Audio "Delta DiO 2496" or "DiO 2448"), a CD recorder, and a D/A Converter (to feed your monitors) are connected to the CT-14 outputs. This setup allows the user to take one mix output and simultaneously record to several mixdown decks, saving hours of time and possible frustration.

To set up the CT-14 in your system, first make sure all of your external devices are turned off. Then, using good-quality 75-ohm coaxial digital cables with male connectors (digital video cables meet this requirement) for best results, follow this simple procedure:

CT-14 Hook-Up Diagram



1. With the CT-14 power button in the "out" (off) position, plug the appropriate end of the supplied 9-Volt DC "wall-wart" power adapter into your CT-14 and the other end into a wall socket or power strip. The CT-14 power indicator LED should be off.
2. Take the output of your digital audio source device and plug it into the CT-14 coaxial RCA input connector located on the rear of the CT-14 .
3. Connect the CT-14's coaxial RCA digital output connectors to the inputs of your receiving or "target" digital audio devices. You may want to connect the analog audio output of one of these target devices to a sound system for monitoring purposes.
4. With all volumes turned down, turn on your source device.
5. Turn on the CT-14 by pressing its power button and allowing it to latch in the "in" position. The power indicator LED will light on the front of the CT-14 unit.
6. Turn on your target devices. Your CT-14 is now ready for use.

NOTE: When any signal is present at the CT-14 input, the "Signal Present" LED will light on the front of the unit. The CT-14 is "format neutral" and does not analyze the incoming signal. Therefore, although signal presence is detected by the CT-14, it may not necessarily be a valid S/PDIF format signal.

Other Typical uses of the CT-14

- Sending a single digital out to multiple digital effects units.
- Outputting to several D/A converters simultaneously.
- Using a single digital out to both monitor your system's output and master to DAT and/or CD at the same time.
- Multiplying the sends on your digital mixer

If you have any questions about your CT-14, please contact our tech support in any of the following ways:

voice: (626) 445-8495

email: techsupt@midiman.net

fax: (626) 445-7564



USA: 45 E. St. Joseph Street • Arcadia, CA 91006-2861 • Tel: (626) 445-2842
Fax: (626) 445-7564 • Web: <http://www.midiman.net> • Email: info@midiman.net

UK: Unit 22, Harrogate Business Park • Freemans Way • Harrogate • N Yorks • HG3 1DH • England
Tel: 44 1423 886692 • Fax: 44 1423 886693 • Email: midimanuk@compuserve.com

Germany: Kuhallmand 34 • D-74613 Ohringen • Germany • Tel: 49 7941 98 7000
Fax: 49 7941 98 70070 • Web: <http://www.midiman.de> • Email: info@midiman.de