

Digital Recorder Accessories



TSA-3LM The easiest way to monitor conversations on individual telephones.

The TSA-3LM is used to provide a simple method of connecting supervisory monitoring equipment and Voice Logging Recorders to telephone handset or headset audio.

It can be used with most telephone styles that have a standard modular handset or headset jack. Simply connect one end of the cable in series with the telephone handset or headset cord and plug the other end of it into your recorder. The TSA-3LM has a 25' output cable that can be extended with the T25-EXT.



TSA-SLM Telephone supervisory adapter with switch. The TSA-SLM provides all of the functions and features of the TSA-3LM with the addition of an ON/OFF switch that is used to disconnect the telephone audio from your recorder when you do not want your conversation recorded. The TSA-SLM has a 25' output cable that can be extended with the T25-EXT.



T-18 Telephone cable with RJ-11 plugs on both ends. This multi-purpose cable assembly can be used to connect between two RJ-11 or RJ-14 phone jacks. It is 18' long and comes with a T adapter. The T adapter is used when you do not have an extra jack for the cable connection. It will convert a single phone jack into two parallel jacks.



T25-EXT Twenty-five foot phone line extension cable. It has an RJ-11 plug on one end and an RJ-11 jack on the other end. It is used to extend a phone jack or connection.



RSA-M3 Adapter for mixing two-way radio receive and transmit audio.

The RSA-M3 is used to provide an inexpensive method of connecting voice logging recorders to two-way radio base stations and local control points. Input levels are compatible with Motorola Radius series radios or similar. Use the RSA-U5 adapter for radios with weaker audio levels or where microphone audio is present when the radio is not transmitting.

The RSA-M3 combines receive and transmit audio at levels matched to the line input of voice logging recorders. It also provides transformer isolation and RF bypass. Use it to simplify installation when a direct connection to the radio's receive and transmit audio will be made by a radio service technician. The RSA adapters are not needed when connecting to remote controlled radios (tone, DC, or local).



RSA-2A1 Line level audio mixer: two inputs — one output. Used in applications where audio from two isolated line level sources, such as remote controlled 2-way radio circuits, must be combined into a single audio output. The mixed audio can be fed to the input of a voice logging recorder so that both audio sources will be recorded on a single channel. It provides balanced line-input, transformer isolation, capacitive coupling, and RF bypass. High impedance input circuits permit connection to balanced and unbalanced audio sources with minimal loading. Each channel has an independent audio level adjustment. Includes AC power adapter.



RSA-M4 Two-way radio adapter with a relay that switches between receive and transmit audio. Similar to RSA-M3, the RSA-M4 has a relay that connects to 12vDC transmitter power and an audio transformer to boost the volume of transmitter audio that is fed to the recorder. The relay is used to switch its audio output jack from receive audio to transmit audio only when the radio is transmitting.



RSA-U5 Two-way radio adapter with active amplifiers and optically isolated PTT sensing. Similar to RSA-M4, the RSA-U5 has screw driver adjustable amplifiers to boost weak receiver and transmitter audio levels and a low power optically sensing circuit to mute microphone audio when the radio is not transmitting. Includes AC power adapter.

Receive Audio Input: >1M ohm DC, >10K ohm AC, 0.1 to 1.5 vAC.

Transmit Audio Input: >1M ohm DC, >10K ohm AC, 0.02 to 1 vAC.

Audio Output: RX >10db gain, TX >30db gain, 600 ohm, RJ-11.

Transmitter activity sensing: Between 5 and 16vDC, 1 to 4 ma.

Power: 5vDc, 10 ma, AC power adapter.

NOTE: Connections to two-way radios that need to be made inside of the radio, should only be made by a qualified radio service technician.



TSB-6 Telephone line switch box.

Connects in series with the phone cable feeding your recorder. With its ON/OFF switch in the OFF position, the output RJ-11 jack is disconnected from the input RJ-11 jack. Includes a six foot phone cable.

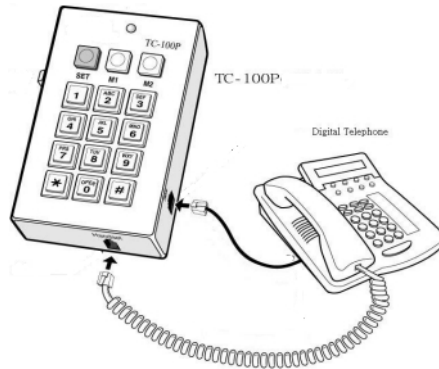
Digital Recorder Accessories

(continued)

Digital Recorders from Omnicron come with cables and accessories suitable for most installations. These items are for applications that require more specialized cables, adapters, or accessories.

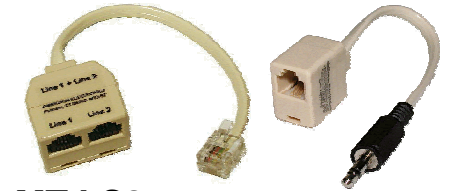


TRR-B5U Desktop/portable housing for rack mount *Total Recall* Recorders. Table top housing that can be used with the rack mount *Total Recall* recorders when they are not going to be installed into a 19" equipment rack. It accommodates the 8.75" x 19" front panel of a TRR recorder and provides 3.75" extra depth to protect the cables exiting the back of the recorder. Welded 16-gauge steel with textured black powder coat finish. Includes rubber feet, recessed lifting handles and 10-32 clip nuts for mounting your TRR recorder. 11" H x 21" W x 13" D, 16 lb.



TC-100P Telephone handset adapter with DTMF encoder. Similar to other logger patches that connect in series with the handset or headset cord of a digital phone, the TC-100P provides audio output for recording. It also provides a touch tone keypad to send DTMF digits to your recorder, along with the conversations, and an amplifier to boost weak audio.

Most digital phones do not produce DTMF tones. With the TC-100P connected to your digital phone, the recorder will detect any numbers you enter on its keypad during a recording and display them just as if you were using an analog phone. Includes two memory keys for pre-stored numbers, AC power adapter (15vDC) and a cable to connect it to the handset of the phone. Weight: 15 oz.; Size: 3" W x 4.9" D x 1.4" H.



MTJ-S2 (above left) Converts a 2-line RJ-14 jack into two separate RJ-11 single line phone jacks. This adapter cable splits a 2-line RJ-14 circuit/jack into two RJ-11 jacks (Line-1 and Line-2). Typically used with the RJ-14 input jacks on some *Total Recall* and *TeleCorder* recorders from Omnicron.

MOD-SC (above right) Converts modular phone cable to mini-plug. The MOD-SC is used when you have a cable with a standard RJ-11 single-line telephone type plug that you need to connect to equipment with a 3.5mm mini-plug jack. It has an RJ-11 jack on one end and a 3.5mm mini-plug on the other end.



RJ14-S Two line cable assembly. The RJ14-S is used to separate two line RJ-14 phone jacks (L1+L2) into individual RJ-11 jacks or plugs. It can also be used to combine two phone lines from two separate RJ-11 jacks or cables onto a single RJ-14 plug.



TSA-CHH Similar to TSA-3LM. Used to provide an inexpensive method of connecting supervisory monitoring equipment (such as our *Total Recall*) to a telephone that uses built-in switching between handset and headset jacks. It combines the audio to a single 25' output so that you will be able to monitor or record conversations from both the handset and headset.

Twenty-five foot audio output cable - connects to recorder audio input.

TSA-MRS Supervisory Adapter

Telephone Handset cord plugs in here.

Connect this cable to handset jack on your phone.

Proximity sensing switch mounts on phone near handset.

Magnet mounts on handset within 1/2" of sensing switch.

TSA-MRS is used to monitor telephone handset audio only when the phone is off-hook. A magnet on the handset activates a magnetic field audio muting switch when the handset is on-hook.

TSA-MRS Telephone handset supervisory adapter — with proximity switch audio muting. The TSA-MRS has a small proximity sensing magnetic reed switch that is used to mute handset audio when a small magnet (mounts on the handset of your phone) is within 1/2" of the sensing switch that mounts on your phone. Used in rare cases where handset audio is not muted when your phone is hung-up and the standard TSA-3LM cannot be used satisfactorily.

Contact your Omnicron representative for assistance in selecting the proper cables or adapters for your application. Voice Loggers have been our specialty since 1975.



OMNICRON ELECTRONICS

581 Liberty Highway • P.O. Box 623 • Putnam, CT 06260-0623 • (860) 928-0377 • FAX (860) 928-6477

Additional information is also available at:
www.omnicronelectronics.com

0201402007