

TeleCorder Recorder

Installation/Wiring Overview PC Connected Recorder

TeleCorders # UC-02B and # UC-04B are used with UpCorder software and your PC. They do not have internal storage. Recordings are uploaded to your PC in real time using the supplied USB cable and are powered by your PC through the same USB cable. To record, your TeleCorder must be connected to a PC running the UpCorder software.

TeleCorder Configurations

Model Type	2 Channel UC-02B	4 Channel UC-04B
Supplied Accessories (phone line cables)	2 each # T-18 (18' phone cable with "T" adapter)	2 each # MTJ-S2 (line splitter) 4 each # T-18 (18' phone cable)
Supplied Accessories (other)	USB cable to connect the recorder to your PC, CD with UpCorder software for PC (for Win-2000/XP/Vista-32), and this manual	



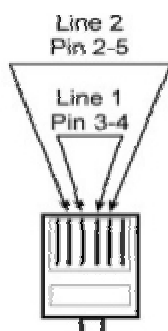
Rear view showing USB jack for connecting to a computer, two modular phone jacks for connecting to two (UC-02B) or four (UC-04B) phone lines or other audio sources to be recorded, and optional 5vDC jack to power accessories (the recorder is powered via the USB cable, not this jack). The LAN and 232 labels have no meaning with TeleCorder models UC-02B and UC-04B. There are no connections behind the LAN and 232 labels.

Connecting to Phone Lines and Other Audio Sources

TeleCorder inputs require 2-wire analog audio such as from direct connection to analog phone lines, two-way radios, amplified microphones, telephone handset or headset audio (analog or digital phones, using direct connection to earpiece audio or with the optional TSA-3LM or TSA-SLM adapters), etc.

Connecting Audio to the 2 Channel TeleCorder Model UC-02B

The TeleCorder connects in parallel to your audio sources. There are two modular phone jacks on the back of the TeleCorder Model UC-02B. Each jack is wired for connection to one of the two channels using the center pair of contacts (as with standard RJ-11 phone jacks). When looking at the back panel, the jack on the left is for channel one (also called "Port 1"), and the jack on the right is for channel two (also called "Port 2"). The left jack is also wired for both channels as with standard RJ-14 phone jacks (see image at right — Ch-1 on inside pins 3+4, Ch-2 on adjacent pins 2+5).



Two T-18 cables (18' phone line cable with T-adapter,) are supplied with the recorder. You can use these or other suitable cables to connect your phone lines or other audio sources.



If you wish to record from multiple line analog phones or digital telephone sets, instead of individual phone lines, the most popular way to connect is with a handset splitter.



The handset splitters (such as the Omnicron TSA-3LM or TSA-SLM) are available from your TeleCorder representative. Your sales representative can also assist you in selecting other cables or adapters to simplify installation for your application.

Connecting Audio to the 4 Channel TeleCorder Model UC-04B

Each modular phone jack on the back of the TeleCorder UC-04B has connections for two phone lines or other audio sources. When looking at the back panel, the jack on the left is for Ports 1 and 2, the jack on the right is for Ports 3 and 4.

The modular jacks use pins 3 & 4 for the first input (center pair), and pins 2 & 5 for the second input (see the drawing above right). Each individual input can be referred to as either a Channel or Port.

If it is more convenient to install using separate cables for each channel, use the supplied MTJ-S2 line splitter (photo at right). Plug the short cable from the MTJ-S2 into one of the modular jacks on the back of your TeleCorder. Plug the first phone line or other audio source to be recorded into the jack labeled Line 1, and the second phone line or other audio source into the jack labeled Line 2.

Connect audio sources for channels one and two using the left jack as with instructions for the two channel TeleCorder, and channels three and four to the right jack in a similar manner. The UC-04B is supplied with two of the MTJ-S2 splitters to provide individual jacks for each input and four T-18 cable sets for connecting to phone lines.

If connecting to telephone sets where a channel will be recording all conversations on a particular phone regardless of what line they are using, instead of recording from a phone line where all conversations on the line will be recorded regardless of which phone is using the line, you should make connections to the phone using adapters such as the Omnicron TSA-3LM or TSA-SLM or by directly connecting to the earpiece audio connections inside of the phone (both sides of a conversation are present at the earpiece).

If it is not convenient or possible to install using standard modular jacks, identify the pair of wires for each line or audio source and connect in parallel to each individual input on the TeleCorder.

With bundled phone wiring, you must first identify the line pairs among the wiring cables and then connect the wires from the TeleCorder inputs to these pairs. Equipment and wiring diagrams may be required to expedite proper installation. Check with your phone or wiring provider for assistance as needed.

Power Connection

TeleCorders without built-in hard drives (UC-02B and UC-04B), are powered from your PC via the USB cable. No additional power connections or adapters are used. When connected to your PC via the USB cable, it is ON when your PC is ON, and OFF when your PC is OFF. It will not record conversations unless it is connected to your PC and the UpCorder software is active on your PC. The blue power ON light will be lit and channel activity lights will indicate active channels.

Connecting TeleCorder to a PC

Connect the supplied USB cable (photo at right) from the USB port on the back of the TeleCorder to a USB port on your computer. The first time you connect the TeleCorder to your computer, your PC should display "New Hardware Found — USB TeleCorder" message, search for and install the required driver software (FTDIFTD2XX.dll).

