RECORDERGEAR

USER MANUAL

TR600
PHONE RECORDER

ATTENTION

Please read the user manual carefully.

Visit the link below to watch
instructional videos on setting
up your TR600.

https://rgear.page.link/tr600

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1 What's In The Box?

1 x TR600 Phone Recorder

1 x USB Power Cable

1 x SD Card

1 x USB Data Cable

1 x User Manual

1 x RJ9 Telephone Cable (4 Pin)

1 x RJ11 Telephone Cable (2 Pin

2 Videos + Bigger Manual

This manual contains everything you need to know to set-up your TR600. However, we have also made instructional videos for you. Visit the URL below to start watching:

https://rgear.page.link/tr600

WANT A BIGGER MANUAL?

We understand that the text in this manual is small & might be hard for some to see.

Vist RecorderGear.com

Nagivate to the **TR600 product page**.

Scroll down to the section titled **Additional Resources** to download a digital/PDF copy of the manual.

3 Getting Started

A. INSERT THE SD CARD
The purpose of the SD card is to store your recordings, the TR600 will not work without an SD card.

To properly install the SD Card; insert it "**upside down**" with the metal prongs facing up. Inserting it any other way will cause damage & void the warranty.

1. Insert an SD card into the card slot on the side of the TR600; you will feel a click when the card has been inserted correctly.
2. To remove the SD card, push the card in until you feel a spring release; the SD card will be ejected when you let go.

NOTE - *If no SD card is inserted, the TR600 will not power on; there will be a loud beep & an SD card error.*

B. INSERT AAA BATTERIES (NOT INCLUDED)

The TR600 typically runs off wall power, but can run off batteries only. If power is lost, batteries help retain the time/date. **Remove back cover to insert the batteries.**

C. NAVIGATING THE TR600

The image below labels the TR600 buttons; they are used to perform various functions & navigate the menu.

NOTE - *The Left/Right Select Buttons corresponds to menu items in the lower left/right of the screen. The Up/Down Button allows you to scroll up or down to different menu options. The Back Button will always take you back to the previous screen/menu*

4 Determine Your Phone Line Configuration

Use this diagram to become familiar with the different types of phone connection/cable types.

DIAGRAM

	RJ9 (small) This connection/cable is used to hook a phone handset to a phone base; the cable is typically curly. (1 straight cable included with the TR600)
	RJ11 (medium) This is a common phone connection/cable & is found in most homes/buildings (in the USA).
	RJ45 (large) This cable/connection is commonly known as an Ethernet cable. It is typically used to supply an Internet connection to and from modems/routers/computers.

Your phone line configuration will fall in one of three types; listed below are the three types. Please carefully read the three options below. Once you have determined which type of phone configuration you have, please go to the appropriate page of this manual to finish the set-up.

1. RJ11 Single Line (page 10)

This is by far the most common, most users will follow these instructions. If you have a single line phone & an RJ11 cable supplies phone service to your phone base, then go to **page 10** of this manual.

NOTE - *The RJ11 cable will typically run from a standard phone wall jack, modem/router, or from a "box" used by magic jack or other similar phone service.*

2. RJ11 Multi Line (page 14)

If you have a multi-line phone & an RJ11 cable(s) is supplying phone service to your phone base, then go to **page 14** of this manual.

NOTE - *Most users that have a multi-line phone know that this is the set-up they have; they can typically toggle between separate phone calls using buttons on their phone base.*

3. RJ45 Into Phone Base (page 14)

If you have an IP phone & an RJ45 cable coming from your router/ modem/wall-jack into your phone base, then go to **page 14** of this manual.

5 RJ11 Single Line Recording

This is the most common & easiest set-up process. Use these instructions if you have a single line phone & an **RJ11** cable supplying phone service to your phone base.

Phone Service Source refers to the jack that the **RJ11** cable plugs into; it supplies service to your phone base. The most common source is a standard phone wall jack, but it can also be a small box if you use a service like Magic Jack **OR** a modem/router if you get phone service from your Internet provider.

A. HOOK UP THE TR600

1. Locate the RJ11 cable that is supplying phone service to your phone base; unplug this cable from your **phone service source** & plug it into the **phone port** on the back of the TR600.

2. Locate the RJ11 cable that came with your TR600 & plug one end of it into your **Phone Service Source**. Plug the other end into the **Line port** on the back of the TR600.

3. The set-up should look like the diagram on the next page.

PHONE SERVICE
SOURCE

RJ11 CABLE

PHONE   LINE   DC6V   ⌁

RJ11 CABLE

Now that you have the TR600 hooked up properly, you need to input the correct settings to start recording calls.

For the steps below, you will be navigating the TR600 **settings menu**. Please become familiar with the navigation buttons *(see page 7)* & the **settings menu** before proceeding.

NOTE - *The Left/Right Select Buttons correspond to menu items in the lower left/right of the screen. The Up/Down Button allows you to scroll up or down to different menu options. The Back Button will always take you back to the previous screen/menu*

B. ENTER LINE MODE

1. Flip the switch on the side of the TR600 to the PHONE position.
2. Enter the Settings menu and select Recording.
3. Select Manu Rec. Mode and select Line Mode.

C. SELECT MANUAL OR AUTO RECORDING

Once in **Line Mode**, the TR600 is ready to start recording calls. But First, select your recording mode; either **Manual** or **Auto.**

Manual Recording Mode

In this mode, you will start/stop recording by pressing the **record & stop buttons** on the TR600. To turn this mode on, follow the steps below:

1. Enter the Settings Menu and select Recording.

2. Select Auto / Manual Rec and select MANUAL

3. Once a call is connected, press the RECORD button to start recording and press the STOP button to stop recording; the recorded call will be saved to the SD card.

Auto Recording Mode

In this mode, the TR600 automatically begins recording when a call is made or received; it stops recording when you hang-up.
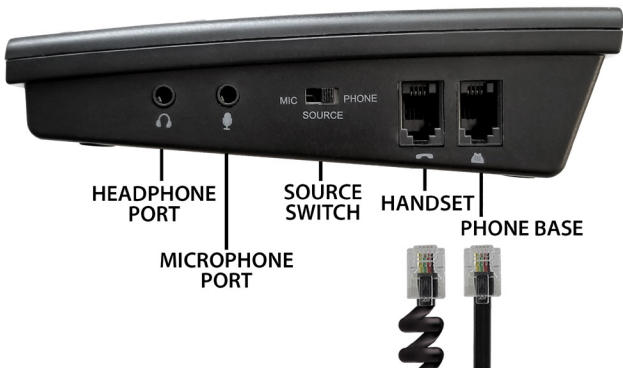
1. Enter the Settings Menu and select Recording.

2. Select Auto / Manual Rec and select AUTO

3. To record a call, simply make or receive a call & then hang up the call; the TR600 will automatically record the call & save it to the SD card.

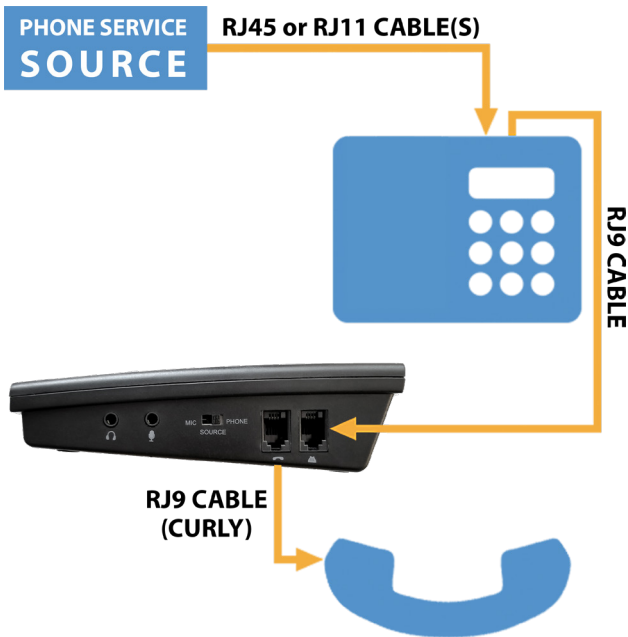# **6 RJ11 Multi-line & RJ45 Into Phone Base - Recording**

We have combined the instructions for these two types; the way you hook up the TR600 & the settings used are identical for both of these phone line configurations.

A. HOOK UP THE TR600

1. Leave your phone base hooked up to the cable(s) that is supplying phone or Internet connection to your phone base.

2. Unplug the handset (curly cord) from your phone base & plug it into the handset port on the side of the TR600 *(see image below)*.

3. Using the RJ9 cable that came with your TR600, plug it into the handset port on your phone base. Plug the other end into the phone base port on the side of the TR600 *(see image below)*.

HEADPHONE PORT

SOURCE SWITCH

HANDSET

PHONE BASE

MICROPHONE PORT

4. The set-up should look like the diagram below.

PHONE SERVICE SOURCE

RJ45 or RJ11 CABLE(S)

RJ9 CABLE

RJ9 CABLE (CURLY)

Now that you have the TR600 hooked up properly, you need to input the correct settings in order to start recording calls.

For the steps on the next page, you will be navigating the TR600 **settings menu**. Please become familiar with the navigation buttons (see page 7) & the **settings menu** before proceeding.

NOTE - *The **Left/Right Select Buttons** correspond to menu items in the lower **left/right of the screen**. The **Up/Down Button** allows you to scroll up or down to different menu options. The **Back Button** will always take you back to the previous screen/menu*

B. ENTER HANDSET MODE

1. Flip the switch on the side of the TR600 to the PHONE position.
2. Enter the Settings menu and select Recording
3. Enter Manu Rec. Mode and select Handset Mode.

NOTE - *In Handset mode Caller ID is not available.*

C. SELECT MANUAL OR AUTO RECORDING

Once in **Handset Mode**, the TR600 is ready to start recording calls. But first, select your recording mode; either **manual** or **auto recording (voice activation)** mode.

Manual Recording Mode
In this mode, you will start/stop recording by pressing the **record & stop buttons** on the TR600. To turn this mode on, follow the steps below:

1. Enter the Settings Menu and select Recording.
2. Select Auto / Manual Rec and select MANUAL
3. Once a call is connected, press the RECORD button to start recording and press the STOP button to stop recording; the recorded call will be saved to the SD card.

Auto Recording (TRIG Mode):
To make it so the TR600 automatically starts & stops recording in Handset Mode *(as opposed to Line Mode),* you need to put the TR600 into TRIG Mode *(Voice Activation).* The TR600 will begin recording when sound is detected on the phone line.
1. Enter the Settings Menu and select Recording.
2. Select Auto / Manual Rec and select TRIG

NOTE - *The **auto recording mode** (used in line mode) will not work in Handset Mode. To record calls automatically in **handset mode** you will need to turn on **TRIG Mode** (voice activation) mode.*

D. VOX TRIGGER LEVEL & VOX SILENCE
Below are the settings you will need to adjust to maximize the use of your TR600's **Auto Recording (TRIG Mode)** and are found in the **Recording Settings.**

1. Enter the Settings Menu and select Recording.
2. Scroll down & select either Vox Trig Level or VOX Silence, read below to learn more.

VOX Trig Level (Voice Activation Trigger Level)
In TRIG mode, the TR600 will start recording when audio is detected on the call. In the VOX Trig Level settings, you can set the audio volume level/threshold that the TR600 will start recording at; the levels range from 1-10. Level 1 is the most sensitive & 10 is the least sensitive; the default is 3.

For example, if you set it on the least sensitive level (level 10), the sound level on the call will need to be very loud to in

order to trigger recording. On the least sensitive (level 10), the sound/volume on the call may NOT be loud enough to activate recording. Please make sure to set it at the proper level, so the TR600 auto records dependably.

VOX Silence (Period of Silence)
In **TRIG mode**, the TR600 will stop recording a call after a period of silence; you can set this time period from 2-99 seconds.

If set too short, one recorded phone call may be broken into multiple audio files. For example, if you set **VOX Silence** level at 5 seconds & you are on a phone call that has over 5-seconds of silence, the recording will stop after the 5-seconds of silence. Then when sound is detected again, recording will re-start. This will create 2 audio files for one recorded phone call. Please make sure to set it at the proper level, so the TR600 auto records dependably.

7 Playback Recordings

This section outlines all the different methods of playing back your recorded files. One method involves playing the files from the TR600 itself. The other two methods involve the use of a computer; this requires some basic computer knowledge.

A. PLAYBACK FILES ON TR600

1. Enter the **LOG** menu by pressing the **left select button**
2. Press the **Up/Down buttons** to navigate to your desired file.

3. Press the Play/Fast Forward Button to start playing the file.

While in the **LOG** menu, you will see **OPT** in the lower left & **TYPE** in the lower right.

These menus are explained below:

1. TYPE: Allows you to select recordings that have been sorted by category. The categories are:
All, Incoming, Answered, Unanswered, Outgoing, Note, Flag, Trig, Answering.

2. OPT: Displays options for your recorded files. The options menu allows you to:
Play, Flag, Remove Flag, Delete (you are able to delete the log or the recording), Search By Time, and Search By Tel. Number.

B. REMOVE SD CARD or PLUG TR600 INTO PC

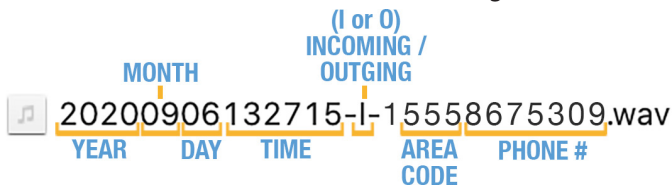When you view the TR600 folders/files on your computer. There are a few things to take note of, see below.

The Folders

The folders contained on the SD card are named by Year/ Month/Day so you can keep your recordings organized. The image below shows actual TR600 folders, the year is 2020, month is September, and the day is the 6th
(date: 09/06/2020).

📁 202009 ▶ 📁 06 ▶

The File Name

The recorded audio files on the TR600's SD card are in WAV format. These files are named in the following format:

You will need to set the date/time so it shows correctly. The time in the file name is in military format; 132715 (13:27:15) would be 1:27:15pm. The I or O specifies if it was an incoming or outgoing call.

NOTE - *When recording on RJ45 or Multi-line phone systems (Handset mode), there is no caller ID available which means the audio file names will NOT have a phone number in the file name. ALSO, it will not specify whether it was an incoming or outgoing call.*

Remove SD Card

1. Power off the TR600 by unplugging it from it's power source & remove the AAA batteries (*removing batteries is the only way to completely power off*). The main purpose of powering off the TR600 is to avoid triggering the beeping sound.

2. Remove the SD card & insert it into your PC (*SD card reader required*) & open the removable drive when it appears on your PC.

3. Open & listen to your recordings (*files are in .WAV format*)

NOTE - *The TR600 will emit a loud beeping sound if the SD card is*

removed without powering it off first. This does not cause harm, it's more annoying than anything else. If you have two SD cards, you can remove one and replace it with another one so the alarm isn't triggered; this saves you from having to power it off to silence the alarm.

PLUG TR600 INTO PC

1. Leave the TR600 powered on; use the USB data cable that came with your TR600 & plug it into your computer (*the cable is a mini USB style*)

2. Open the removable drive when it appear on your computer.

3. Open & listen to your recordings (*files are in .WAV format*)

NOTE - *If your PC's default audio player won't playback the files, we recommend downloading & installing VLC Media Player (Search "VLC Player" on Google)*

C. USE THE "RG CALL ASSISTANT" SOFTWARE

Follow the previous steps (remove SD Card or plug TR600 into PC) to use the TR600 with the software.

Visit **RecorderGear.com** and navigate to the **TR600 product page**. Scroll down to the section titled **Additional Resources**. You will need to download two files:

1. Download the RG Call Assistant Software

NOTE - *The software is **ONLY** compatible with Windows OS (not MAC).*

8 Set Time/Date

The file names of your recorded files will show the date/time in them *(see page 20)*. For this to show correctly, you will need to go into the settings and set the correct date/time.

NOTE - *The batteries in the TR600 act as a backup power source. If wall power is lost, the TR600 will still continue to operate and retain the correct time/date.*

1. Enter the Settings Menu and select System

2. The top 4 menu items *(Time / Date / Time Format / Date Format)* have to do with time/date. Select these items and use the arrow keys to adjust the time/date settings.

9 Recording Announcement

The TR600 has the ability to play an announcement advising the caller that the call is being recorded.

NOTE - This feature may NOT work with all phone configurations.

A. DOWNLOAD AUDIO FILE

1. Visit RecorderGear.com and navigate to the TR600 product page. Scroll down to the section titled Additional Resources to download the announcement audio file.

2. Power off the TR600 & remove the SD card; insert it into your PC

3. Transfer the audio file from your PC to the root/main folder of the SD card (don't put it in any other folder).

B. TURN ANNOUNCEMENT ON

1. Enter the Settings Menu and select Recording.

2. Select Play Announcement and select Yes

NOTE- *To create a custom announcement you will need to create a .wav file recorded in mono created with a sampling rate of 8khz. Name the file "announcement.wav" and follow the rest of the instructions above.*

10 Record Meetings/Memos

In this mode the TR600 can operate as an audio recorder for meetings, memos, or lectures.

1. Flip the switch on the side of the TR600 to the MIC position.

2. Enter the Settings Menu & select Recording.

3. Enter MIC Rec. Mode & select MANUAL

3. To record, press the RECORD button, to stop press the STOP button.

NOTE - *Use the Microphone port to plug in an external microphone to improve the recording quality of your TR600.*

11 Settings Explained

A. RECORDING SETTINGS

1. MIC REC. Mode - Change between Manual & Vox (voice) activation for Mic Mode.

2. Auto / Manual Rec - Change between Manual, Auto, and Trig mode.

3. Manu Rec Mode - Change between Handset Mode and Line mode.

4. Vox Trig Level - Adjust the level of voice sensitivity to trigger recordings. (Level 1 - 10)

5. Vox Silence - Duration of silence needed to stop recording. (2 - 99 seconds)

6. Max Rec. Duration - The maximum duration of one recording file. (10 minutes - no limit)

7. Min Rec. Duration - The minimum time for a call to be recorded. (No limit - 30 seconds)

8. Loop Rec. - Record over files when memory is full, this is where you Activate or Deactivate Loop Recording.

9. Low Memory Reminder - If Loop Recording is disabled, there will be an alert in the top left corner of your LED screen when it's hit the limit you set. Choose to enable the alert. (5-99 hours)

10. Play Announcement - Enable/Disable the option to play a recorded message when an incoming call is answered.

11. Off Hook Voltage - The system will record the call automatically when the line voltage is lower than the setting. You can also test the voltage of the line to determine the correct

setting from this screen. (15 - 30 Volts)

12. Call Out Delay Time - The time the TR600 will record after you finish the call. (0 - 20 seconds)

B. SYSTEM SETTINGS

1. Time - Set up the Time of the TR600.

2. Date - Set up the Date of the TR600.

3. Time Format - Change between 12 hour and 24 hour time format.

4. Date Format - Change the way the date is formatted.

5. Time Sync. With CID - Synchronize the time with the time stamp from the Caller ID.

6. Language - Choose the language of the TR600.

7. LCD Contrast - Adjust the contrast of the LCD screen.

8. SD Reserved Space - Reserve a space on SD card for Loop Recording.

9. Format SD Card - When formatted, the SD card will erase all recorded files.

10. Default Setting - Revert all settings back to the default settings.

11. Version - This will show the version and SSID serial number of the TR600.

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