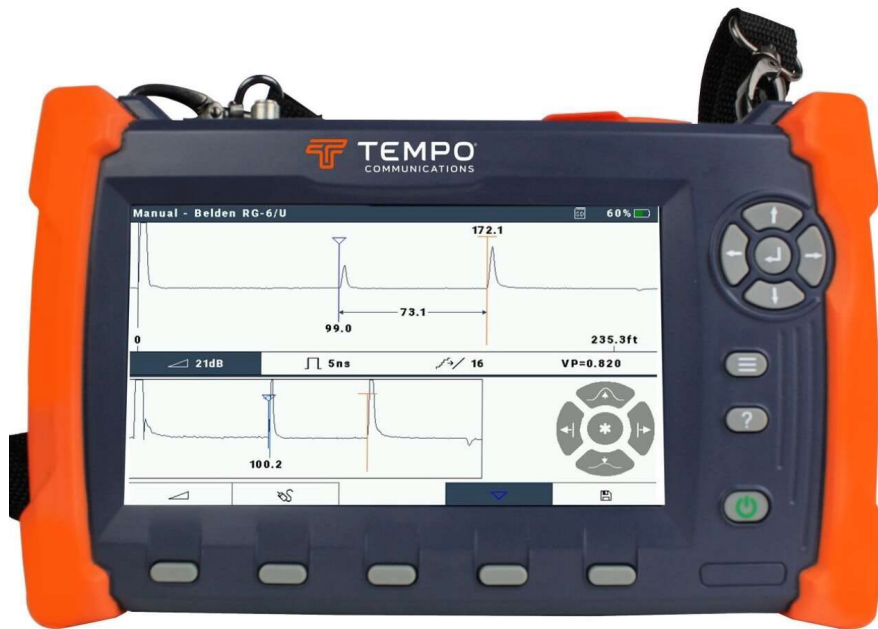![Tempo Communications logo]

Tempo CableScout CS90B

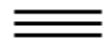# User Manual

Live Trace Help

Shows the TDR trace.   Vertical scaling is adjusted automatically.   Move the cursor along the trace and read the distance from the instrument to cursor.
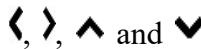
⟋⟍/⊓/⟋⟍⟶/⟋ : Cycles through Gain, Vp, Pw, and Filter which allows you to easily change these values.

⌁S: Displays the Cable Type view.

▽: Sets and clears the marker.   When set, the cursor readout shows both distance from zero and distance from marker.   The marker is always set at the current cursor location. Press marker again to clear the marker.

🖫: Displays the Save/Load view which allows you to save/load a trace to/from a USB stick or SD card.

☰: Displays the Settings view which allows you to change the instrument settings, view instrument info, change the date/time, update firmware and more.

❰, ❱, ∧ and ∨ are used to navigate the live trace.
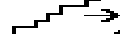
Overview Mode
   ❰/❱   Moves the trace window left/right quickly in the lower window.
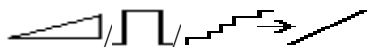   ∧/∨   Zooms in or out on the live trace.

Detail Mode
   ❰/❱   Moves the cursor left/right in the upper detail window.
   ∧/∨   Changes the value of the selected parameter. (e.g., ⟋⟍, VP, ⊓, ⟋⟍⟶)

   ↵   Toggles between Overview Mode and Detail Mode.

Screenshot: to take a sceenshot of any screen, press the ⟋⟍/⊓/⟋⟍⟶/⟋ and ↵ at the same time.   This will save the current screen to a png file on the SD card if it's installed.

Cable Type Help

View, add, edit, delete, import and export cables in your cable library.

🖫: Shows a view to import/export the cable library from/to a USB stick.

✚: Adds a new cable to the cable library.

✎: Allows you to edit a cable in the cable library.

🗑: Deletes a cable from the cable library.

✔: Exits the Cable Type view.

⌃ / ⌄: Used to select the cable from the list.

Save / Load Cables Help
Load and/or Save the cable library to a USB stick.

Load Button: Loads the selected cable library files and replaces existing cables with the contents of the file.
Save Button: Saves the cable library to a file on the USB stick.

✔: Closes this view.

⌃/⌄: move the selected item in the list of cable library files.

Save / Load Trace Help
Load and/or Save traces to a USB stick or SD card.

Save Button: Shows the Trace Editor view as the next step in saving the trace.
Load Button: Loads the selected saved trace for viewing.

✔: Closes this view.

⌃ / ⌄: move the selected item in the list of saved traces.

Save Trace Help
Enter information about the trace you are about to save.

Desination: choose either USB stick or SD card.
Trace to Save: choose the Current trace or a Full trace.
   NOTE: A full trace captures the entire instrument range at the highest resolution.
Trace Name: this is the trace's filename.
Notes: enter any notes you'd like to include with the saved trace.

✖: Cancels this save operation.
Save Button: Saves the trace specified to the specified location.

Saved Trace Help
Shows the loaded TDR trace.   Vertical scaling is adjusted automatically.   Move the

cursor along the trace and read the distance from the instrument to cursor.
Gain, Vp, Pulse Width and Filter values shown were used to capture the trace.

❮/❯: Moves the cursor left/right to zero in on a fault.
∧/∨: Zooms in or out on the live trace.

✔: closes this view.

Settings Help
Shows and allows you to edit the device settings.

☀: adjust from off to full.
Color Scheme: choose from the available color schemes.
Mode: choose from Auto or Manual modes.
Type: choose from Live Trace or Intermittent Capture TDR types.
💡: turns the backlight off after this time has elapsed without a button press.
⏻: turns the device off after this time has elapsed without a button press.
Units: choose from ns, m, or ft.
VP Units: choose the units for VP.
▰: choose from the available languages.

About Device Button: Shows the About Device View.
Defaults Button: Resets the device to its factory state (e.g., deletes custom cables, restores deleted factory cables, restores default settings.)
✔: closes this view.

About Device Help
View Device Information.

Hardware Model: This device's model
Serial Number: This device's factory assigned serial number.
Firmware/FPGA Version: Shows the current version's being used.
   NOTE: Pressing ❯ allows you to update the device's firmware.
Hardware Revision: This device's hardware revision.
Battery Status: shows the battery status at a glance.
   NOTE: Pressing ❯ shows additional battery status information.
Time: shows this device's date and time.
   NOTE: Pressing ❯ allows you to change the date and time for this device.   This is used when saving results and screenshots.

⚙:   Shows the Settings View.

✔: closes this view.