

Canoga Perkins PR25A Conductor Tagger & Analyzer



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Model PR25A Conductor Tagger and Analyzer is a multifunction test set that enables fast, accurate tagging of working and non-working lines, while eliminating the risk of disturbance to the customer. A patented subscriber sentinel is used to guard against interruptions or delays of customer calls. Talk battery and alerting features are provided to obtain and maintain a communications link between points along a cable.

Automatic Operation

In the automatic mode, the PR25A prevents tones from being introduced to a working line. If the tone is already induced in a pair while tagging, and the party on the line lifts the receiver, the PR25A stops the tone before the party can hear it. If the tone is already induced on a pair, and the party on the line is called, the unit reacts to the central office ringing generator and immediately stops the tone.

Visual Monitoring

Cable pairs can be monitored at all times during the pair identification procedure. A monitoring position is used for visual monitoring without sending tone. A craftsman can visually check the pair status from the meter on section throws or cutovers where pairs have been previously identified and it's only necessary to determine whether a line is in use prior to cutting or swinging.

Three Tone Levels

Three tone levels (Low, Medium, High) allows the craftsman to tailor the tone output to his specific requirement. For example, normal tagging should be performed with the PR25A sending in the "Med" tone level position. In short cables, or where the tone may spread and become hard to identify, the tone should be sent in the "Low" position. The "High" tone level should be used for extremely noisy and/or long cables.

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- 3 Tone Levels
- Ohmmeter & Capacitance Check
- Visual Monitoring
- 577.5 or 500 Hz Interrupted Tone
- Automatic Non-Interfering Tone
- Adjustable Interruption Rate

Adjustable Interruption Rate

The PR25A interrupted tone is 577.5 Hz (units can be ordered with 500 Hz tone). The rate of interruption is adjustable, allowing more than one unit to operate simultaneously in the same cable.

Ohmmeter

The built-in Ohmmeter enables balance testing, subscriber instrument identification, and checking for rounds and shorts on vacant pairs.

Standard Equipment

The PR25A comes standard with 577.5 Hz tone, three 9 volt batteries, a heavy-duty leather carrying case and cords (100B Ground Cord, 200B Line Cord and 300B Test Tone Cord). A dual purpose carrying strap also allows the unit to be suspended at eye level for convenience.