



# ATV-25 Construction Test System

## Automated Test and Verification Systems

### Features

#### Bulk Pair and Single Pair Testing

- ★ 25 Pair Module or Single Pair Cord
- ★ PR0 Mode Testing Without Tap Shoes
- ★ Vacant and Working Pairs
- ★ User Configurable Automated Tests and Fault Limits
- ★ DC Volts, Ohms, and Open Measurements
- ★ Reports Grounds, Shorts, Open Length, Capacitive Balance, and Length errors
- ★ Load Coil Detection
- ★ Automatic Number Retrieval
- ★ Noise and Loss Measurements
- ★ Loop Current
- ★ Special Circuit Identification
- ★ Spectrum Sweep

#### Automatic Pair Identification

- ★ 25 to 100 Pair ATV-25 to ATV-25 or using an ATV-25 and ATV *R/T*.
- ★ AC and DC Voltage Matching

#### Electronic Data Reporting

- ★ Internal Test Data Storage
- ★ USB 2.0, High Speed PC Uploads
- ★ ATV Tools PC Software Included

#### Additional Features

- ★ ID Tone Generator with Short/Ground Indication
- ★ Talk/Wait Battery Circuit
- ★ Voice Line Monitor and Dialer
- ★ xDSL Line Monitor

The ATV-25 Construction Test System provides efficiency, accuracy, and electronic reporting for construction and maintenance projects.

The ATV-25 combines the capabilities needed to complete new construction and verify existing service on pairs.

### Benefits

- ★ Lower-cost cable verification system makes it more economical to deploy to more technicians.
- ★ Test results can be uploaded and used to verify phone company records.
- ★ Easy to use single pair testing and bulk testing for faster completion and deployment.
- ★ Internal memory and PC software makes recording and reporting test results easier and more accurate.
- ★ Reduces equipment with comprehensive features for working pair, vacant pair testing, and support features in one unit.
- ★ Detailed test data on defective pairs helps target repair dispatching.
- ★ Better field testing during construction reduces repair tickets and costs.
- ★ Lower service costs with field upgrades.
- ★ Fast data uploads with USB 2.0.

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# ATV-25 and ATV R/T Tagging System

## Automatic Pair Identification System

### ATV-25 Tagging Features

#### Bulk Pair and Single Pair Testing

- ★ Compatible with any ATV *R/T*.
- ★ Supports 25 to 100 Pair tagging using additional ATV-25 units or an ATV *R/T*.
- ★ Tagging and Remote ID Tone provided. Remote ID Tone supports applications where 100 pair groups cannot be identified and for troubleshooting pairs.
- ★ Quick access to DC, Ohms, and Open measurements.
- ★ Full-featured pair analysis capability.
- ★ Talk/Wait battery feature.
- ★ Remote tone on any of 100 pairs or local tone on Pair 0.
- ★ Integrated Short/Ground indications in tone modes. Simplex, Tip-Ring (metallic), Tip-Ground, Ring-Ground, and new Triplex tone. TriPlex minimizes cross-coupling.

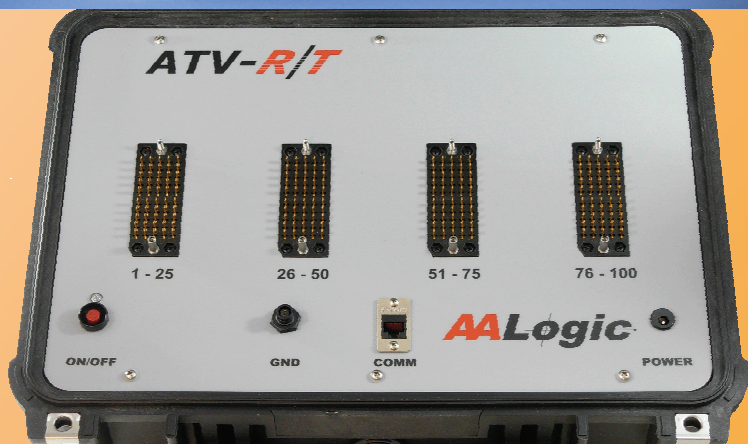
### ATV R/T Features

- ★ Compatible with any ATV-25. No need to keep the field and office units matched.
- ★ Automatic Pair Identification for 25 to 100 pairs — user selectable.
- ★ The ATV *R/T*, may be located in the central office or a field location
- ★ AC power supply or 12VDC capable.
- ★ ATV-25 and ATV *R/T* power supplies are interchangeable.
- ★ Remote control by the ATV-25, no user controls on the ATV *R/T*.
- ★ Industry standard Cinch connectors.

The ATV-25 and the ATV *R/T* combine to form a comprehensive Automatic Pair Identification and cable pair test system.

### Benefits

- ★ Efficient pair identification for cable restoration and maintenance. Typically eight seconds to search 100 pairs.
- ★ Provides for tagging and remote tone applications using one person.
- ★ Advanced ATV-25 features reduces the need for multiple test sets.
- ★ Better return on investment by using the ATV-25 for daily operations such as construction, maintenance, and records verification.
- ★ Electronic test records for better reporting, field reference, and work verification.



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