

# ATV-25 Quick Start

## Front Panel Keys

Item	Description
[0] through [9]	Data entry – some keys have additional functions in some cases
[CALL]	Select Call functions – Voice Monitor, DSL Monitor, or Talk Pair
[CFG]	View and/or change configurations for System, CO, Location, User, or Reference Pair
[CLR]	Terminates the current function and returns the unit to the <IDLE> screen
[ENT]	Used to save data on some screens
[F1], [F2], [F3], and [F4]	Context screen keys – the function of the key is indicated by a label on the display above the key
[PWR]	Turn the power ON or OFF
[RCL]	View internally saved test results
[RMT]	Sets the ATV-25 to the USB Remote mode
[TEST]	Select automatic or manual test functions
[TONE]	Select tone functions – ID Tone, Tagging, and Tone Search
Charge LED	Red – Indicates the internal battery is charging when on
Display	320 x 240 backlit LCD
Ext. Power LED	Green – Indicates an external power source is connected when on



## Bottom Panel



Item	Description
25 Pair Connector	50 conductor (25 pair), male, Cinch-type connector used for bulk pair testing
AUX Connector	RJ 45 connector for the AUX cord – the AUX cord is used in Tagging, Tone Search, and Caller ID testing
Ground Cord	Permanently connected cord that must be properly connected for all tests and measurements
PR 0 Connector	RJ 45 connector for the PR 0 cord – the PR 0 cord is used for single pair testing
Speaker	Speaker – speaker volume may be low if this area is blocked

# Function Quick Access

Function	Key Presses
AC Voltmeter	<IDLE> + [F2] – Press [7] for additional sensitivity and readings in dB
Assigned Number Retrieval, Caller ANAC	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select + Number Retrieval (ANAC)
Assigned Number Retrieval, Caller ID	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select + Number Retrieval (CID)
Automatic Test	[TEST] – Select one of the six automatic tests.
Central Offices, Configure	[CFG] + [F2] – four CO configurations are available
Change Display Backlight	<IDLE> + Backlight use [4] or [6]
Change Display Contrast	<IDLE> + Contrast use [2] or [8]
Change Volume Settings	[CFG] + [F1] + [F4] or <IDLE> + [3] or [9]
Charge ATV-25	Connect a 12VDC source to the Power connector on the left side of the ATV-25 – the source may be a vehicle power cord, the provided charger adapter, or other suitable source. Note: The charger should not be used during noise measurements.
Connect to PC	Connect the USB connector on the left side of the ATV-25 to a USB cable connected to a PC running ATV Tools
Convert Resistance (Ohms) to Feet	<IDLE> + [F3] + [1] + [F2] – Press [F3] to change the wire gauge
DC Voltmeter	<IDLE> + [F1]
Idle Screen -- <IDLE>	[CLR] or [PWR] off + [PWR] on
Load Coil Detection	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select Load Coil Detection
Locations, Configure	[CFG] + [F3] – 30 Location entries are available
Loop Current Test (POTS)	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select Loop Current
Loss, POTS	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select POTS Loss
Monitor Data Line	[TALK] + [F2]
Monitor Voice Line (Butt Set Mode)	[TALK] + [F1]
Noise, POTS	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select POTS Noise
Noise, Vacant Pairs	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select Noise (Vacants)
Ohmmeter (Resistance)	<IDLE> + [F3]
Open Meter (Capacitive Distance)	<IDLE> + [F4]
Rapid Pair Automatic Test	[TEST] – Select Rapid
Recall Saved Test Results	<IDLE> + [RCL]
Reference Pairs, Configure	[CFG] + [1] + [F1] – four Reference Pair configurations are available
Set Date/Time	[CFG] + [F1] + [F3]
Special Circuit Id, T1, HDSL, xDSL	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select Special Ckt ID (DSL/T1)
Spectral Plot	[TEST] + [Automatic] + UserA/UserB/ UserC + [F2] or [TEST] + [Manual] + select + Spectral Plot
Talk/Wait Circuit	[TALK] + [F3], toggles the talk circuit on or off
Test and Save Results	[TEST] – Select one of the six automatic tests and save at the end of the test. Only automatic test results can be saved.
Test on a Single Pair Without saving the results.	[TEST] + [F2] – Manual mode, select a test, select a pair, and start the test.
Tone, Pair Tagging	[TONE] + [F2]
Tone, Search for Tone	[TONE] + [F3]
Tone, Send ID Tone, 577Hz or 1004Hz	[TONE] + [F1]
Users, Configure	[CFG] + [F4] – four User configurations are available
Vacant Pair Automatic Test	[TEST] – Select Vacant
Working Pair Automatic Test	[TEST] – Select Working