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, Reference Pair, or retrieve ATV R/T information.
[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]	Testing features using the ATV R/T
[TEST]	Select automatic or manual test functions
[TONE]	Select tone functions – ID Tone, Tagging, and End2End
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 and Caller ID automatic number retreival
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	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **Number Retrieval (ANAC)**
Assigned Number Retrieval, Caller ID	Automatic: **[TEST] + User Test A/User Test B/ User Test C + [F2] Setup** Manual: **[TEST] + [Manual] + [F1] Next +** select **Number Retrieval (CID)**
Automatic Test	**[TEST] –** Select one of the three standard test or the three User tests.
Automatic 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.
Automatic Test Using PR0 Cord	**[Test]** + select any automatic test + **[F4] PR0 Mode**
Central Offices, Configure	**[CFG] + [F2] CO** – four CO configurations are available
Change Display Backlight	**<IDLE> +** Backlight use **[4] Decrease or [6] Increase or [CFG] + [F1] System + [F3] Display**
Change Display Contrast	**<IDLE> +** Contrast use **[2] Increase or [8] Decrease or [CFG] + [F1] System + [F3] Display**
Change Volume Settings	**[3] V+ or [9] V- for function using the speaker or [CFG] + [F1] System + [F4] Volume**
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. No key presses are required.
Convert Resistance (Ohms) to Feet	**<IDLE> + [F3] Ohms + [1] More + [F2] Distance** – Press **[F3] Gauge** to change the wire gauge
DC Voltmeter	**<IDLE> + [F1] DC Volts**
Delete Test Results	**[RCL]** + select test result to delete + **[F4] Delete**
Idle Screen -- **<IDLE>**	**[CLR]** or **[PWR]** off + **[PWR]** on
Load Coil Detection	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **Load Coil Detection**
Locations, Configure	**[CFG] + [F3] Locations –** 30 Location entries are available
Loop Current Test (POTS)	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **Loop Current**
Loss, POTS	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **POTS Loss**
Manual Test on a Single Pair Without saving the results.	**[TEST] + [F2] Manual** – select a test, select a pair, and start the test.
Monitor Data Line	**[CALL] + [F2] DSL**
Monitor Voice Line (Butt Set Mode)	**[CALL] + [F1] Voice**
Noise, POTS	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **POTS Noise**
Noise, Vacant Pairs	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **Noise (Vacants)**
Ohmmeter (Resistance)	**<IDLE> + [F3] Ohms**
Open Meter (Capacitive Distance)	**<IDLE> + [F4] OpenMtr**
Pair Tagging, ATV-25 to ATV R/T	**[RMT] +** select Groups **+ [F1] Start**
Pair Tagging, ATV-25 to ATV-25	**[TONE] + [F2] Tagging** – This feature allows tagging between two or more ATV-25 s
Rapid Pair Automatic Test	**[TEST]** – Select **Rapid**
Recall Saved Test Results	**<IDLE> + [RCL] +** select the results to recall
Reference Pairs, Configure	**[CFG] + [1] More + [F1] Ref Pair** – four Reference Pair configurations are available
Remote Tone, ATV R/T	**[RMT] + [F1] Start + [F2] RmtTone**
Set Date/Time	**[CFG] + [F1] System + [F3] DateTime**
Set Test Limits	**[Test]** + select any automatic test + **[F3] Limits**
Special Circuit Id, T1, HDSL, xDSL	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select **Special Ckt ID (DSL/T1)**
Spectral Plot	Automatic: **[TEST] + UserA/UserB/ UserC + [F2] Setup** Manual: **[TEST] + [F2] Manual +** select + **Spectral Plot**
Talk/Wait Circuit	**[CALL] + [F3] TalkPr,** toggles the talk circuit on or off
Tone, Send ID Tone, 577Hz or 1004Hz	**[TONE] + [F1] ID Tone**
Users, Configure	**[CFG] + [F4] User** – four User configurations are available
Vacant Pair Automatic Test	**[TEST]** – Select **Vacant**
Working Pair Automatic Test	**[TEST]** – Select **Working**