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A User's Guide to Agilent 3458A Front Panel Operation



Short Cuts

Store and Recall can significantly reduce the number of keystrokes necessary for a complex configuration. Simply pressing same, pressing a Numeric Key X (0-127) and pressing the state of the Agilent 3458A as a state to recall by pressing 📷 X. Shipped with the Agilent 3458A is a small plastic overlay that fits on key 5 to document your User Key and Stored State definitions. Use Example 3 and perform the following:

		U
Command SSTATE 1	Key Group Menu Numeric/User	Key Sequence
(Stores the Agile	ent 3458A's state in sto	red state 1.)
RESET (RESET returns	Function/Range the Agilent 3458A to th	(blue) Reset ne powered-on state.)
RSTATE 1	Menu Numeric/User	Recall Stan I Enter
(Returns the Ag	ilent 3458A to stored st	ate 1.)
User Definable Ke In addition to the S of the User keys, F commands.	ys State Store and Recall c 0-F9, in the Numeric/Us	ommands, you can also define any ser Key Group to be any string of
Let's use Example	3 one more time to sho	w how this feature works.
Command	Key Seque	nce
DEFKEY DEFAUL (Clears all previ	T (blue Def Key) ously defined User Defi	anable keys.)
DEFKEY F0, " (Ready to accept	t commands.)	
FUNC ACV (The delimiter u The delimiter us	(blue) E 전 (t 장 (f sed to separate comma ed to separate paramet	hree times) our times) [blue]; nds is ";". ærs is ",".)
SETACV SYNC	(blue) S 🕂 🖨	lû (blue);
RES .002	(blue) R 💀 🕓	0 0 2 (blue);
LFILTER ON	(blue) L 🗸 🛱	🔂 Enter
DEFKEY F1, " MATH NULL	1 (blue) L 판 (fi	our times)
(MATH NULL di quent measuren	splays the difference be ients.)	etween the first and subse-
Now Use It! (blue) f0 ^{inter} (blue) f1 ^{inter} (Note the MATH	annunciator is turned	on.)
Command Recall I The command reca have performed th have the results lis	Buffer Operation Il buffer recalls previou e sequence in the User ted below.	isly entered commands. If you Definable Keys you can expect to
Command	Key Group	Key Sequence
RECALL	Function/Range Numeric/User	(blue) Recall

(MATH NULL should appear in the Display.)

The MENU Command

To access the commands alphabetically, you use the Menu Keys. As the Agilent 3458A is shipped, only the most commonly used commands are available in this "SHORT" menu. To access all the commands, you have to use the Menu Key with the "FULL' parameter.

Key Group Command MENU FULL Function/Rang Numeric/User Function/Rang Numeric/User

	Key Sequence
ge	(blue)
	Menu
ge	Ŷ
	Enter

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