Time and Alarm Functions

Commands

XYZALM	Creates an alarm.
	ALPHA name or
	↑ *label* or
	↑ ↑ *label*
	X *time*
	Y *date* or 0
	Z *interval* or 0
CLALMA	Clears an alarm.
	ALPHA name
CLALMX	Clears an alarm.
	X *n*th alarm

Acknowledging & Clearing

• Any key but [STO] halts & clears current flashing alarm, deleting it.

• [f][C] halts and clears a current repeating alarm.

CAT 5 lists alarms in memory. (Some 41CX keys currently not supported in the catalog in firmware v23.)

File Editing

Commands

CRFLAS	Creates a file.
	ALPHA name
	X registers
CLFL	Empties file
PURFL	Purges a file
REZFIL	Resizes a file

Keys

[USR] [PRGM]	← →
[f] [USR]	12←
[f] [PRGM]	12→
[ALPHA]	Alpha/Num
[R/S]	+REC↑
[f][R/S]	+REC↓
[SST]	REC↑
[BST]	REC↓
[f][LBL]	INSERT
[f][GTO]	GTO

CAT 4 lists files in memory.

DM41 Quick Reference

Keys

≠ < >	[SIN] [COS]
	[TAN]
⊢	[f] [XEQ]
	(Append)
∡ $ ↑	[CHS] [EEX]
	[ENTER]
ASTO	[f] [STO]
ARCL	[f] [RCL]
CLA	[f] [←]
AVIEW	[f] [R/S]

User-Assigned Keys

To assign a function or global label to a key, press [f][ASN], [ALPHA], key in the function or label name, [ALPHA], and press the key to be assigned. To cancel an assignment, enter no string for the function/label. Toggle the user keyboard with [USR]. CAT 6 lists key assignments.

My Key Assignments

Serial Mode

Connect USB, start terminal program at 38400/N/8/1, press [ON]+[C].

Commands

?	Help
p	Key press
s	Dump memory
l	Load memory
ct	Console timeout
t	Get time
ts	Set Time
td	Update time
d	Toggle display
b	Battery voltage

Follow p with the key codes of each keystroke. See http://tinyurl.com/dm41-keys (key numbers in front of square brackets). To create RAM dumps, use the tool at http://tinyurl.com/dm41-tool. For serial setup, see http://tinyurl.com/dm41-serial.

Power-On Keys
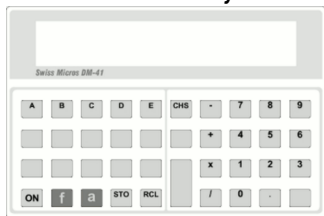
Keys

[ON]+[A]	Time and Date
[ON]+[C]	Serial console
[ON]+[E]	Version & Battery
[ON]+[X<>Y]	Set date/time
[ON]+[←]	Master Reset
[ON]+[CHS]	LCD contrast [R/S], [3], [2], [1]
[ON]+[8]	Speed Toggle
[ON]+[9]	Key test
[ON]+[STO]	-1h clock
[ON]+[RCL]	+1h clock