MASTERWATCH
ALARM DIALLER

TONE ALARM DIALLER

TELEPHONE LINE POWERED!
NO BATTERY BACK-UP REQUIRED

The MasterWatch Tone Alarm Dialler Model TAD-4995 sets new standards for conventional alarm diallers. This tiny box hosts a rich feature set at an affordable price. Best of all it does NOT need mains power or batteries to operate or to retain its data.

FEATURES

- ❑ Two alarm inputs
- ❑ DTMF and distinctive tone reporting
- ❑ Called party is able to stop the alarm dialler or make it skip their number
- ❑ Pulsed or latched alarm input trigger
- ❑ Voltage or contact start
- ❑ Programmable unit ID
- ❑ Compatible with almost any type of alarm sensor, system or panel
- ❑ Works on a ***shared*** direct line, PABX extension or VoIP FXS port
- ❑ Eight number dial
- ❑ Line powered
- ❑ Programmable PIN access to programming
- ❑ Service tone detection
- ❑ Programmable Alarm alert tone play time
- ❑ Talking model also available
- ❑ Also compatible with central monitoring equipment
- ❑ OEM card version for system integration
- ❑ ACMA Approved

Designed & Manufactured in Australia

design2000
Est. 1968 www.design2000.com.au

MASTERWATCH

ALARM DIALLER TAD-4995

PROGRAMMING CODES

- Throw the Answer switch to ON and the TAD-4995 will answer all calls for programming. Start programming by entering a valid PIN, eg. 1234.

COMMAND/ PARAMETER	DTMF CODE	RESPONSE
ALARM DIAL NUMBERS		
First Alarm Dial Number	*21 nn nnnn nnnn # (up to 20 digits max.)	Acknowledge Tone
Erase First Number	#21#	Acknowledge Tone
Second Alarm Dial Number	*22 nn nnnn nnnn #	Acknowledge Tone
Erase Second Number	#22#	Acknowledge Tone
Third Alarm Dial Number	*23 nn nnnn nnnn #	Acknowledge Tone
Erase Third Number	#23#	Acknowledge Tone
Fourth Alarm Dial Number	*24 nn nnnn nnnn #	Acknowledge Tone
Erase Fourth Number	#24#	Acknowledge Tone
Fifth Alarm Dial Number	*25 nn nnnn nnnn #	Acknowledge Tone
Erase Fifth Number	#25#	Acknowledge Tone
Sixth Alarm Dial Number	*26 nn nnnn nnnn #	Acknowledge Tone
Erase Sixth Number	#26#	Acknowledge Tone
Seventh Alarm Dial Number	*27 nn nnnn nnnn #	Acknowledge Tone
Erase Seventh Number	#27#	Acknowledge Tone
Eighth Alarm Dial Number	*28 nn nnnn nnnn #	Acknowledge Tone
Erase Eighth Number	#28#	Acknowledge Tone
Dial Star	** (within a second)	None
Dial Hash	## (within a second)	None
Dial Pause	*# (within a second)	None
RECEIVING ALARM CALL		
Stop Dialing altogether	00	Acknowledge Tone
Stop Dialing my number	##	Acknowledge Tone
STORING THE PIN		
PIN	*44 pppp pppp #	Acknowledge Tone
OPTIONS PROGRAMMING		
Seconds of Alarm Alert Tone play	*73 nn # Default = 30	Acknowledge Tone
Alarm Input Trigger Pulsed	*56 0 #	Acknowledge Tone
Alarm Input Trigger Latched	*56 1 # (Default) (1 sec minimum)	Acknowledge Tone
Store and end programming	00	Acknowledge Tone then disconnect

Notes:

- After programming as per the above codes, throw the Answer switch to OFF.
- Alarm dialing commences on the application of a short (dry contact) across either of the alarm inputs.
- The TAD can be internally modified so that alarm dialing commences on the application of 5 – 48V a.c. or d.c. to either of the two alarm inputs (polarity insensitive).
- Alarm Alert Tone for Alarm One Input is a repeating cycle of a DTMF 1 followed by a siren and a single pip tone, then a three second pause.
- Alarm Alert Tone for Alarm Two Input is a repeating cycle of a DTMF 2 followed by a siren and a double pip tone, then a three second pause.
- Dialing continues until alarm input is reset (alarm input latched mode) or called party presses 00.
- Dialing continues for a total of four dialing cycles (alarm input pulsed mode) or until called party presses 00.
- If called party presses ##, their number will be skipped for that alarm incident but other numbers in the dial list will continue to be dialed.
- If alarm dial number is busy, the next number in dial list will be dialled.
- Alarm dial numbers can simply be overwritten without first erasing them.
- Erasing an alarm dial number means that it will be skipped.

Issue 2
15/10/2012

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