Characteristics and specifications

MACAW-5 and *Green*MACAW-5 SERIES'

RECORDING TIME:	No limit to the percentage recorded in each key

MACAW-5 & *Green*MACAW-5 SERIES':

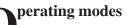All recordings are backed up by non-volitile memory

DYNAMIC:	**78** minutes high-quality
RECORDING QUALITY:	Equivalent to 42Kbit/sec sample rate
MESSAGE KEYS:	32 membrane switch keys (4 x 8 pattern)
	Gr 128 membrane switch keys (8 x 16 pattern)
SPACING:	3.2 cm (1-1/4") between centers
	Gr 1.6 cm (5/8") between centers
SIZE:	2.8 cm (1-1/8") square
	Gr 1.4 cm (9/16") square
FORCE REQ'D:	114 gr (4 oz) maximum
PANEL:	Keys on white background. Keys are numbered 1-32 (1-128 on *Gr*) and are marked with operating functions
FUNCTION KEYS:	16 membrane switch keys (1 x 16) pattern
SPACING:	1.6 cm (5/8") between centers
SIZE:	1.3 cm (1/2") square
FORCE REQ'D:	228 gr (8 oz) maximum
PANEL:	Keys on white background. Keys are numbered 1-10 and marked with functions. Six keys are hidden behind logos
KEY COVER:	Transparent keypad cover to protect overlays
HINGED RETAINING RING:	Locks overlays in place—lifts for easy overlay exchange
MICROPHONE:	Internal (jack is provided for external microphone)
SPEAKER:	7.6 cm (3") permanent magnet type (jack is provided for an external speaker)
OUTPUT VOLUME:	Adjustable from silent to very loud

OPERATING TIME BEFORE BATTERY EXCHANGE

PLAYBACK:	10 hours continuous sound output (1 - 4 weeks of normal use) 5-6 hours continuous when using scanning
STANDBY:	1 month minimum
CONTROLS:	RECORD / PLAY switch
	POWER ON / OFF switch

JACKS:		
	Ext Microphone:	Mini-phone jack
	Ext Speaker:	Mini-phone jack
	Earphone:	Mini-phone jack (with Volume Control)
	Single-Switch Input:	0.140" dia mini-phone jack
	Multi-Switch Input:	8-Pin Mini-DIN
	RS-232C:	8-Pin RJ-45 (Save recordings to computers)

USER ACCESSIBLE FUNCTIONS (from the keyboard)**:**
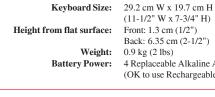Talk / Repeat Strings
Silent Selection of messages
Volume control
Levels

Operating modes

ENLARGED KEY PATTERNS:	*Gr* 8 rows x 16 columns	2 rows x 4 columns
"No dead-spaces"	*Gr* 8 rows x 8 columns	2 rows x 2 columns
	4 rows x 8 columns	1 row x 4 columns
	4 rows x 4 columns	1 row x 2 columns

MESSAGE RETRIEVAL:	Single key
	String Messages (using silent and/or spoken selections)
	Dynamic Levels (-5: 32 or *Gr*: 63, all key patterns are supported)
	Key-Link™ (up to 80 keys; may be used with spelling)
KEY BEEP:	Auditory feedback with key selection
SCANNING: (Protected by U.S. Patent 4,558,315)	Manual Linear Step and Directed scan
	Automatic Linear scan
	Block/Row/Column scan
	Row/Column scan
	Multi-switch Directed scan
	Auditory scan (multiple modes), works with all visual scanning modes (private earphone for user)
Setup Option	**Right-to-Left Scanning**
SWITCH FEEDBACK:	Silent
	Momentary beep
	Continuous tone
MORSE CODE INPUT:	1, 2, and 3 Switch Morse code Key Selection
	Direct or Auto-Keyed

Options

KEYGUARDS:	Available for each of the standard key patterns
STICKER SETS:	**MACAW Mates** full-color key stickers by Imaginart
	WordWise Sticker Pack by Attainment Company
MOUNTING SYSTEMS:	A variety of mounting/stabilizing systems are available
APPLICATIONS:	*Links•icon* — single overlay communication program

Keyboard Size:	29.2 cm W x 19.7 cm H (11-1/2" W x 7-3/4" H)
Height from flat surface:	Front: 1.3 cm (1/2") Back: 6.35 cm (2-1/2")
Weight:	0.9 kg (2 lbs)
Battery Power:	4 Replaceable Alkaline AA Cells (OK to use Rechargeable NiMH)

The DACtyl MACAW is a *Green* MACAW with a large keyboard — for those who need 128 larger-sized keys.

ZYGO INDUSTRIES, INC.
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E-mail: zygo@zygo-usa.com

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MACAW Digital Recording Communication Aids

NOW **78** minutes

Hinged keyguards for easy overlay exchange.

The *Green*MACAW-5 has all the features of the MACAW-5 but with 128 keys rather than 32.

Considered the ultimate in digital recording communication systems, the MACAW is much more than a simple "introductory" device. Like today's personal computers, the MACAW can be extremely simple (as record and play with as few as 2 enlarged keys), to being very sophisticated with multiple levels and key-linked messages.

And now, all MACAWs have a minimum of 78 minutes of high-quality recording time.

The MACAWs are rugged, lightweight and ergonomically shaped. For those who want that splash of color reminiscent of the real macaws, brightly colored key surrounds and keyguards are available.

Call for a demonstration to find out why the MACAW is such an international success.

ZYGO Industries, Inc.   PO Box 1008   Portland, OR 97207-1008 U.S.A.   **Toll Free: (800) 234-6006**
16260 SW Upper Boones Ferry Road   Portland, OR 97224-7220 U.S.A.   TEL: (503) 684-6006
Web Site: www.zygo-usa.com   E-mail: zygo@zygo-usa.com   FAX: (503) 684-6011

JOIN... ZYGO's "family" of MACAW digital recording communication aids.

Model	Weight lbs / kg	High Quality Recording Time	Recording Time Per Key	# of Keys	# of Levels	# of Keys Per Link	# of Personalities	Enlarged Key Patterns

Price

32-Key MACAW

| MACAW-5 | 2.3# 1.1kg | 78 min. | Unlimited* | 32 | 32 | up to 80 | 1 in use | 4x4 2x4 4x2 2x2 1x4 1x2 | **1,695.00** |

128-Key MACAWs

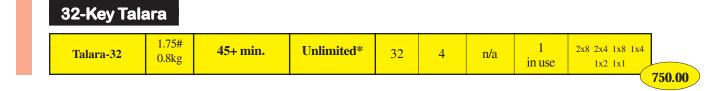| *Green* MACAW-5 | *Green* 2.3# 1.1kg | 78 min. | Unlimited* | 128 | 63 | up to 80 | 1 in use | 8x8 8x4 4x4 2x4 4x2 2x2 1x4 1x2 | **1,895.00** |
| *DACtyl* MACAW-5 | *DACtyl* 3.9# 1.8kg | | | | | | | | **2,395.00** |

All MACAWs have:

- **Scanning: Linear, Row/Column, Block/Row/Column, Multi-Switch**
- **No Dead-Spaces from 128-Key to 1-Key layouts**
- ***Unlimited recording time for each message— to the limit of available memory**
- wedge shape, with the front height being 1/2 inch (1.3 cm) and the back height being 2-1/2 inches (6.4 cm) [DACtyl back height 3-3/8" (8.6 cm)]
- keyboard size 11-1/2 inches (29.2 cm) wide by 7-3/4 inches (19.7 cm) high [DACtyl 15" x 9-3/4" (38 x 24.8 cm)]
- an internal microphone
- a 3 inch internal speaker

- user accessible functions from the keyboard:
  - Talk/Repeat Strings
  - Silent Selection of Messages
  - Volume Control
  - Levels
- adjustable volume control
- a transparent keypad cover to protect overlays
- a retaining ring to hold overlays in place
- Enlarged-Key Patterns
- variety of mounting system options
- Message Retrieval systems of:
  - Single key
  - String Messages (using silent and/or spoken selections)
  - Dynamic Levels
  - Key Linking

For a simpler and less expensive option than MACAWs, consider the...

32-Key Talara

| Talara-32 | 1.75# 0.8kg | 45+ min. | Unlimited* | 32 | 4 | n/a | 1 in use | 2x8 2x4 1x8 1x4 1x2 1x1 | **750.00** |

MACAW Digital Recording Communication Aids

Start with the product that meets today's needs, and reconfigure it as abilities change. Select price or any performance category to determine where to begin. With ZYGO's trade-in policies, you can move up or down the product scale in the most economical way.

32-Key MACAWs ⇨

The MACAWs are a good place to start, especially if the user's need for messages is limited or if he or she requires larger key sizes. They can be configured from one large key to 2, 4, 8, etc. to all 32 keys.

MACAWs provide a minimum of 78 minutes of high quality recording time. Their serial port permits saving entire personalities to computers for even more flexibility with recordings for different applications.

⇦ ### 128-Key MACAWs

The *Green* MACAWs have 128-key keyboards—each key being about 1/4 the size of the 32-key MACAWs. The *DACtyl* MACAWs are *Green* MACAWs with large keyboards. Recording time is 78 minutes.

128-Key MACAWs have 63-Levels.

LINKS•icon is a language application program for use on 128-Key MACAWs.

Looking to buy a less expensive product option for your own unit, or a loan-library, or a backup? Get all the quality and versatility of our MACAWs at lowest prices by selecting the unit of choice from our refurbished inventory—they carry the same one-year warranty as all our products.