Pipo® Communications

Emphasis is on Quality and Reliability

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DTMF ENCODER BASIC INFO

CONNECTIONS

J1

RED	(P1)	(+) 6-26 VDC
GREEN	(P2)	(-) GROUND
BLACK	(P3)	AUDIO OUT
BROWN	(P4)	RELAY CONTACT*
WHITE	(P5)	RELAY CONTACT*

*SPST 26 WATTS 1A @ 26 VDC, RESISTIVE LOAD

PCB EYELET

(G)	GROUND
(M)	MIC MUTE RELAY*
(PTT)	PTT XMTR*

*TRANSISTOR OUTPUT 200 MA MAX @ 20 VDC

JUMPERS & ADJUSTMENTS

JP1	MEMORY DISABLE		(CLOSE)*
JP2	STORE & SEND		(CLOSE)*
JP3	HIGH IMPEDANCE		(OPEN)
JP3	LOW IMPEDANCE		(CLOSE)
JP4	RELAY NC		(CLOSE)*

*INSTALLED

P1	AUDIO ADJ. POT
P1A	PTT HOLD ADJ. POT

DTMF BASIC OPERATION

DTMF LAST NUMBER REDIAL (LNR)*

PRESS ✱ + # (TOGETHER) THEN RELEASE TO SEND.
*VOLATILE MEMORY, CLEARS WITH POWER OFF

DTMF STORE AND SEND*

TO STORE: PRESS ✱ + 0 (TOGETHER, TWICE), FOLLOWED BY NUMBERS TO STORE.
TO SEND: PRESS 0 + # (TOGETHER), TWICE.

DTMF MEMORY DIALING (1 TO 9 LOCATIONS, 30 DIGITS EACH)

TO STORE: PRESS ✱ + 0 (TOGETHER), THEN 1 (FOR MEMORY 1 LOCATION) FOLLOWED BY THE NUMBERS TO STORE.
TO STORE: PRESS ✱ + 0 (TOGETHER), THEN 2 (FOR MEMORY 2 LOCATION) FOLLOWED BY THE NUMBERS TO STORE.
TO SEND: MEMORY 1 LOCATION, PRESS 0 + # (TOGETHER) THEN 1.
TO SEND: MEMORY 2 LOCATION, PRESS 0 + # (TOGETHER) THEN 2.

DTMF SPECIAL FEATURES

DTMF SINGLE TONE GENERATOR

(PRESS **0** + **1** (TOGETHER) = 697Hz
(PRESS **0** + **2** (TOGETHER) = 770Hz
(PRESS **0** + **3** (TOGETHER) = 852Hz
(PRESS **0** + **4** (TOGETHER) = 941Hz

(PRESS **0** + **5** (TOGETHER) = 1209Hz
(PRESS **0** + **6** (TOGETHER) = 1336Hz
(PRESS **0** + **7** (TOGETHER) = 1477Hz
(PRESS **0** + **8** (TOGETHER) = 1633Hz
(PRESS **0** + **9** (TOGETHER) = 1000Hz

VARIABLE TONE GENERATOR (50Hz TO 5kHz)

PRESS ✱ + 0 + # (TOGETHER) FOR 3 SECONDS, THEN RELEASE. (STARTS AT 1kHz)
PRESS ✱ TO DECREASE FREQ., PRESS # TO INCREASE FREQ. (50Hz INCREMENTS)
PRESS 0 TO RETURN TO 1kHz TONE. PRESS ANY KEY TO EXIT FEATURE.

VERISON ID

PRESS ✱ + 1 (TOGETHER) FOR VERSION ID