



RANGE COMMANDS

- | | |
|------------------|-------------------|
| 1 - 200mV D.C. | 12 - 200mV A.C. |
| 2 - 2V D.C. | 13 - 2V A.C. |
| 3 - 20V D.C. | 14 - 20V A.C. |
| 4 - 200V D.C. | 15 - 200V A.C. |
| 5 - 1kV D.C. | 16 - 1kV A.C. |
| 6 - 200uA D.C. | 17 - 200uA A.C. |
| 7 - 2mA D.C. | 18 - 2mA A.C. |
| 8 - 20mA D.C. | 19 - 20mA A.C. |
| 9 - 200mA D.C. | 20 - 200mA A.C. |
| 10 - 2A D.C. | 21 - 2A A.C. |
| 11 - 20A D.C. | 22 - 20A A.C. |
| | |
| 23 - 0 Ohms | |
| 24 - 0.1 Ohms | |
| 25 - 1 Ohms | |
| 26 - 10 Ohms | 34 - 1nF |
| 27 - 100 Ohms | 35 - 10nF |
| 28 - 1k Ohms | 36 - 20nF |
| 29 - 10k Ohms | 37 - 50nF |
| 30 - 100k Ohms | 38 - 100nF |
| 31 - 1M Ohms | 39 - 1uF |
| 32 - 10M Ohms | 40 - 10uF |
| 33 - 100M Ohms | 41 - 100uF |
| | |
| 42 - 1mH | 53 - 60°C |
| 43 - 10mH | 54 - 100°C |
| 44 - 19mH | 55 - 200°C |
| 45 - 29mH | 56 - 300°C |
| 46 - 50mH | 57 - 400°C |
| 47 - 100mH | |
| 48 - 1H | |
| 49 - 10H | |
| 50 - -100°C | 58 - FREQUENCY |
| 51 - 0°C | 59 - PWM |
| 52 - 30°C | 60 - THERMOCOUPLE |
| | |
| 64 - RPM | 65 - 1G Ohm |
| 66 - FAST RISE | |
| 68 - HV Extender | |



OSCILLOSCOPE OPTION COMMANDS

R63 - Scope - Bandwidth 50kHz ref.

R62 - Scope - Bandwidth R62/O10

G - SCOPE MODE G0 - SQUARE WAVE G1 - DC

A1 - Scope - Amplitude	H0 - 2mV/div	H1 - 5mV	H2 - 10mV	H3 - 20mV	H4 - 50mV
	H5 - 100mV	H6 - 200mV	H7 - 500mV	H8 - 1V	H9 - 2V
	H10 - 5V	H11 - 10V	H12 - 20V	H13 - 50V	

R61 - Scope Timebase

Scope - Time markers	H0 - 5s/div	H1 - 2s	H2 - 1s	H3 - 500mS	H4 - 200ms
	H5 - 100ms	H6 - 50ms	H7 - 20ms	H8 - 10ms	H9 - 5ms
	H10 - 2ms	H11 - 1ms	H12 - 500us	H13 - 200us	H14 - 100us
	H15 - 50us	H16 - 20us	H17 - 10us	H18 - 5us	H19 - 2us
	H20 - 1us	H21 - 500ns	H22 - 200ns	H23 - 100ns	H24 - 50ns
	H25 - 20ns	H26 - 10ns	H27 - 5ns		

POWER OPTION COMMANDS

B1 -AC POWER B5 - DC POWER

R13 to R16 selects a.c. voltage ranges

M0 to M359.9 for phase

C2.002 to C20.000 for current with 2mA resolution from 20A terminals

C0.2000 to C2.0000 for current with 0.2mA resolution from I terminals

F40 to F400 for Frequency

GENERAL COMMANDS

D - kV AMPLIFIER D0-off D1 - ON To set 7000V DC. D1/R5/O700/S0 To set 3500V AC.

D1/R16/F50/O350/S0

F - FREQUENCY F10 - F60000

H - SUB- RANGE used for PWM , FREQ , SCOPE AMPLITUDE/TIMEBASE

I - 2/4 WIRE OHMS I0 = 2 WIRE I1 = 4 WIRE I2 = X3 Ranges

J - EARTH RELAY J0 = ON J1=OFF

K - AUTO/MANUAL CJ K0=MANUAL K1=AUTO

L - THERMOCOUPLE TYPE 1=K 2=J 3=T 4=R 5=S 6=E 7=N 8=B

O - OUTPUT

S - STANDBY S1-STANDBY MODE S0-NORMAL MODE

a - CAL a0 = ABORT a1 START CAL a2 = STORE CAL FACTORS

f - Frequency reference f0 = Internal f1 = External

r - Read A/D channel. Result returned in mV r0 to r7

p - Set pod relay -

v - Transmit pod voltage in mV (0-5000) 5 chrs followed by *0

Send text to display

H COMMAND

R59 PWM + H0 - 10% H1 - 20% H2 - 30% H8 - 90%

R58 FREQ + H0=1Hz / H1=10Hz / H2=100Hz / H3=1kHz / H4=10kHz / H5=20kHz / H6=50kHz / H7=100kHz

H8=1MHz /.H9=10MHz

