

OPTION INSTRUCTIONS

iPCE - 10 - 1

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DESCRIPTION OF OPTION:

This option drastically changes the functionality of the standard iPCE-1. The iPCE-10-1 is a single turn, fixed Scale Factor unit that outputs both Position and Tach data in +BCD format as opposed to a standard unit that is a multi-turn, programmable Scale Factor unit that outputs data in either \pm BIN, \pm BCD or \pm GRY format.

PROGRAMMING ADDITIONS AND CHANGES:

The following programming changes have been made on the iPCE-10-1.

- 1) Only 1 Program available.
- 2) Scale Factor set to 360. Not Programmable.
- 3) No Motion Detector.
- 4) Output format set to +BCD. Not Programmable.

HARDWARE CHANGES:

The following Hardware changes have been made:

- 1) INPUTS:
 - a) PRESET / RESET [IN1] is not available.
 - b) DISPLAY DISABLE [IN5] is not available.
 - c) KEYBOARD DISABLE [IN6] is not available.

All other Inputs are operational.

- 2) OUTPUTS:
 - a) MOTION DETECTOR [pin 38-J1] not operational.
 - b) POSITION DATA: Available on output bits 1 - 12
with bits 1 - 4 being the LSD.
 - c) TACH DATA: - Available on output bits 13 - 21
with bits 13 - 16 being the LSD.

All other output are the same as a standard iPCE-1.

MODEL NUMBER AND CHECKSUM:

The following Key strokes will display the Model Number and Checksum of an iPCE - 10 - 1 unit.

PRESS	DISPLAY	COMMENTS
[PROGRAM]	"PROGRAM *"	Running program.
[NEXT]	"IPCE1-10-1"	Model and Revision Number.
[NEXT]	"EPROM 2110"	Checksum of Software.