CHRONDEK SCOREBOARDS
TSI INTERFACE

INSTALLATION/OPERATION MANUAL

ED#8859

Product#1067
Rev. 0 - 6July95

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CHRONDEK,

INC.

Timing

Inc.

854-6556

World Standard of MotorSports

Chrondek is a subsidiary of Daktronics,

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TSI INTERFACE

How To Use This Manual

This manual is designed to explain installation and operation of your TSI Interface with Chrondek Scoreboards. For questions regarding the safety, installation, operation or service of this system, please refer to the telephone numbers listed on the cover page of this manual.

Important Safeguards:

1. Read and understand these instructions before installing.
2. Do not drop the control console or allow it to get wet.

The box below is an illustration of Daktronics' drawing numbering system. The drawing number "7087-P08A-69945" is how Daktronics identifies individual drawings. This number is located in the bottom right corner of the title box in the lower right corner of the drawing. The manual will refer to drawings by calling out the last five digits and the letter preceding them. In the example, the drawing would be referred to as "Drawing A-69945". All drawings referred to as such will be inserted at the *end of the section*.

Interface   **Overview**

The TSI   Interface is designed to   interface a TSI timer to a Chrondek/Daktronics drag strip display. Connection to each model of TSI timer may vary. During installation, you may need to contact a Daktronics Customer Service Technician to assist on the TSI timer connection. Refer to the number on the cover page.

Daktronics offers two TSI Interface configurations. One interface handles **1 line** scoreboards and the other handles **2 line** scoreboards. Below are the program identification codes for each configuration. The hardware is common for both configurations.

ED5275 ....**1 line scoreboard**
ED5274 ....**2 line scoreboard**

Electrical Installation

Refer to **Drawing A-72442** for the electrical hook-up.

Operation

The TSI Interface has the following functions:

IT: Enables the intermediate time to be displayed on the scoreboard.

RT: Enables the reaction time to be displayed on the scoreboard.
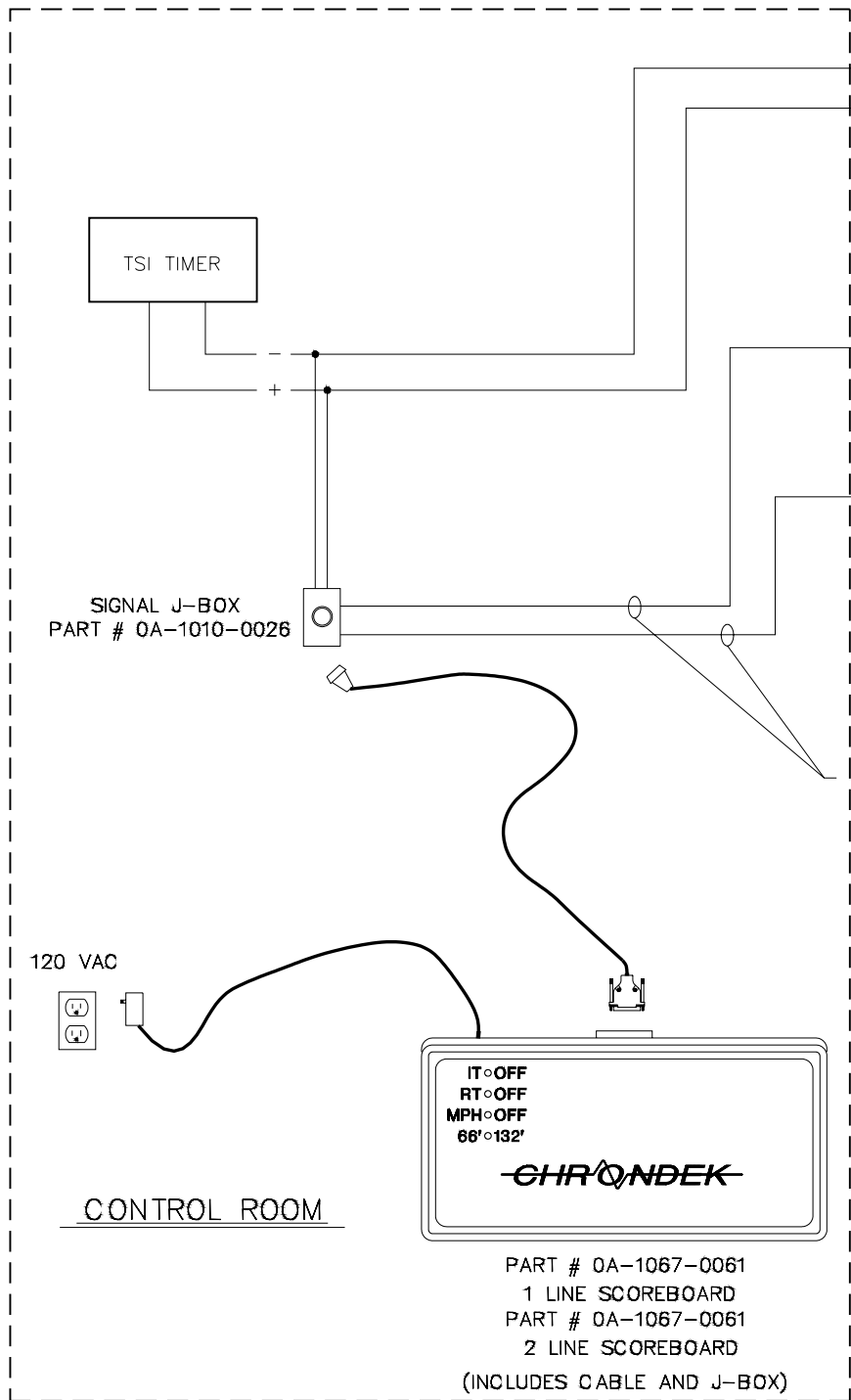
MPH: Enables the miles-per-hour to be displayed on the scoreboard.

66'/132': Sets the distance of the speed trap to 66 feet ro 132 feet.

Bright/Dim: Brightens or dims the display lights. This is controlled by the TSI Timer.

Spare Parts

Interface, cable, junction box...........**0A-1067-0061**

E.T. PRINTER

TSI TIMER

LEFT SCOREBOARD

RIGHT SCOREBOARD

SIGNAL J-BOX
PART # 0A-1010-0026

1 TWISTED PAIR, 22 AWG, SHIELDED

120 VAC

IT○OFF
RT○OFF
MPH○OFF
66'○132'

CHRONDEK

CONTROL ROOM

PART # 0A-1067-0061
1 LINE SCOREBOARD
PART # 0A-1067-0061
2 LINE SCOREBOARD
(INCLUDES CABLE AND J-BOX)

16 PIN JUNCTION BOX	
PIN #	FUNCTION
2	SIGIN-P
7	GND-N
14	SIGLEFT-P
15	SIGLEFT-N
5	SIGRHT-P
6	SIGRHT-N

REV.	DATE	DESCRIPTION	BY	APPR.
1	27JUL99	CHANGED TITLE OF DRAWING	RASMUSJWARNE	