Remote Hockey Goal Judge Operation

This guide will assist in operation of hockey goal lights with remote switches. Hockey goal lights come standard with switches on a 10' (3 m) cord for activating the red lights when a goal is scored. If the wired switches must be used from farther away, refer to **DWG-290715** for a typical setup with additional cabling and junction boxes.

Instead of – or in addition to – wired switches, NHL model hockey lights feature RC-100/RC-200 wireless handheld control to signal a goal. Refer to **DWG-317405** (RC-100) or **DWG-3640999** (RC-200) and the instructions below.

- For more information about Daktronics hockey goal lights, refer to the **Hockey Goal Lights Installation Manual (ED-13358)**.
- For RC-200 operation and troubleshooting information, refer to the **Remote Control System RC-200 All Sport Operation Manual (DD3572889)**.
- For legacy RC-100 operation and troubleshooting information, refer to the **Remote Control System RC-100 All Sport Operation Manual (ED-15133)**.

All of the above manuals are available online at www.daktronics.com/manuals.

Power On & Code Selection

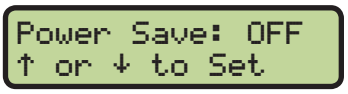
Press and briefly hold the **<ON/OFF>** key on the RC-100/RC-200 to power it on. Once the device has been turned on, it will enter the Goal Judge mode, if that was the last mode to be used. If the LCD does not display *GOAL JUDGE CONSOLE,* press **<ALT>** followed by **<NEW CODE>** and then **<ENTER>**. Type in code "99" and press **<ENTER>**.

Goal Light Control

Press **<GOAL LIGHT ON/OFF>** to turn the goal lights ON if they are off, or OFF if they are already on. The LCD will display *GOAL KEY PRESSED* each time the key is pressed.

Power Off Timer Setting

By default, the RC-100/RC-200 units will power off after 45 minutes of inactivity to conserve battery power. For Goal Judge mode, it is recommended that this function be turned off. Press and hold **<CONFIG>** for 3 seconds to enter configuration mode. Press **<↓>** until the LCD displays *PRESS ENT TO SET PWR ON TIME* and then press **<ENTER>**. The LCD will show the Power Save status as ON or OFF. Press **<↓>** to select OFF and then press **<ENTER>**.



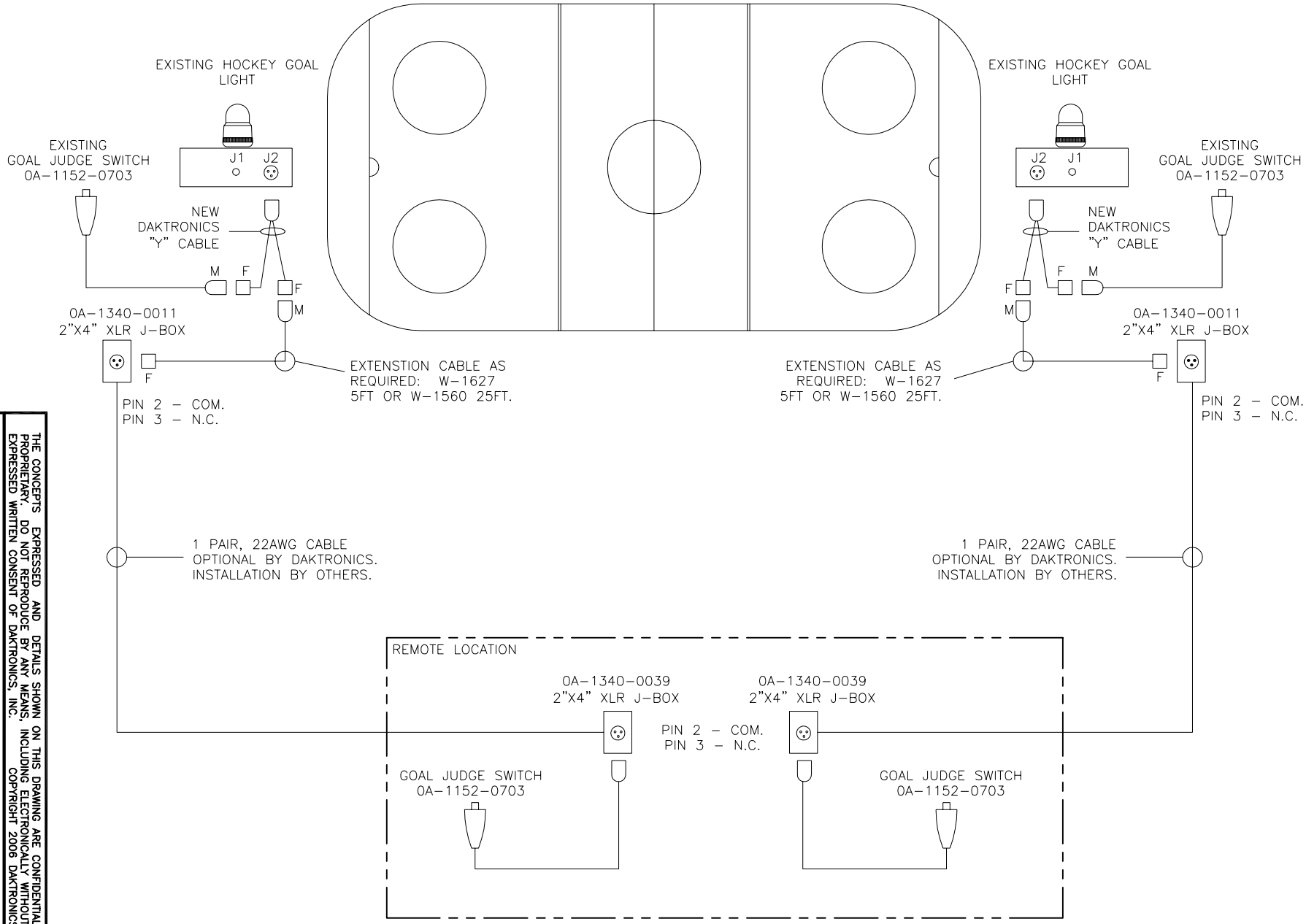
Troubleshooting – No Server Found

If the RC-100/RC-200 handheld controller does not connect to the Base Station in the goal light, the LCD will display *NO SERVER FOUND ON CHANNEL NN*, where "NN" equals the current channel number. This may indicate that the goal light is not powered on or the radio channel settings do not match. Ensure the goal lights have power and that the RC-100/RC-200 is no more than 500' (152 m) away from them, with a clear line-of-sight in between.

- Press **<ENTER>** to retry the connection (if the handheld was just moved in range or the Base Station configuration has changed).
- Press **<CLEAR>** to set the channel number to the same channel as the Base Station and retry.

201 Daktronics Drive
Brookings, SD 57006-5128
www.daktronics.com/support
800.325.8766

DAKTRONICS



REV.	DATE	DESCRIPTION	BY	APPR.

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DAKTRONICS, INC. BROOKINGS, SD 57006

PROJ: STANDARD INDOOR LED SCOREBOARDS

TITLE: WIRING DIAGRAM; NHL REMOTE GOAL JUDGE SWITCH

DES. BY: MMILLER DRAWN BY: MMILLER DATE: 27 NOV 06

APPR. BY:

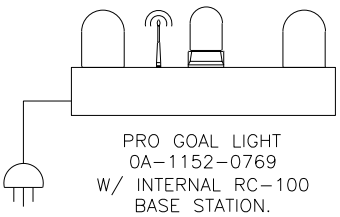
SCALE: NONE

REVISION 00

1152-R01A-290715

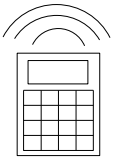
PRIMARY WIRELESS SETUP

FRONT VIEW



PRO GOAL LIGHT
0A-1152-0769
W/ INTERNAL RC-100
BASE STATION.

RC-100 WIRELESS HANDHELD

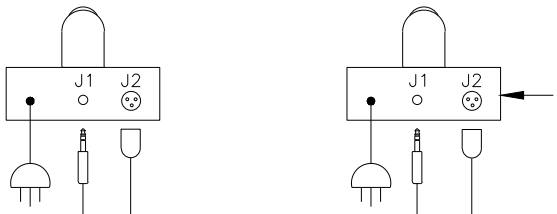


0A-1110-0053
GOAL JUDGE INSERT:
0G-298780
(CODE 99)

REFER TO ED-18140
FOR OPERATION

SECONDARY WIRED SETUP

SIDE VIEW



J1 – MALE
SHAFT SHIELD
TIP SIGNAL+
CENTER RING SIGNAL–

J2 – FEMALE
PIN 1 N.O.
PIN 2 COMMON
PIN 3 N.C.

CABLE TO BE TERMINATED ON SITE USING ENDS J-1125 & P-1082.

1/4" PHONE TO 1/4" PHONE SIGNAL CORDS:
W-1236, 20'
W-1237, 50'
W-1238, 30'
W-1340, 10'

J-BOX, DOUBLE 3-PIN
0A-1196-0177

J-BOX
TIP SIGNAL +
RING SIGNAL –

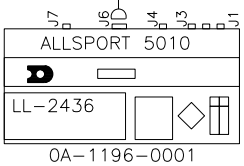
GOAL JUDGE SWITCH
0A-1152-0703

1/4" PHONE JACK J-BOX
0A-1196-0149 OR
0A-1009-0038

2 COND, 22 AWG, W/ SHIELD (W-1077)

25 PIN D FEMALE J-BOX
0A-1067-0056

25 PIN MALE TO 25 PIN MALE SIGNAL CORDS:
W-1247 20'
0A-1086-0052 75'



0A-1196-0001

REV	DATE:		BY:
03	21 NOV 12	UPDATED GOAL LIGHTS	KZB
02	27 APR 12	UPDATED RC-100 HANDHELD PART NUMBER UPDATED BOARDER AND TITLE BLOCK	JFL
01	28 AUG 07	CHANGED RC-100 INSERT.	AMG

DAKTRONICS, INC.
BROOKINGS, SD 57006

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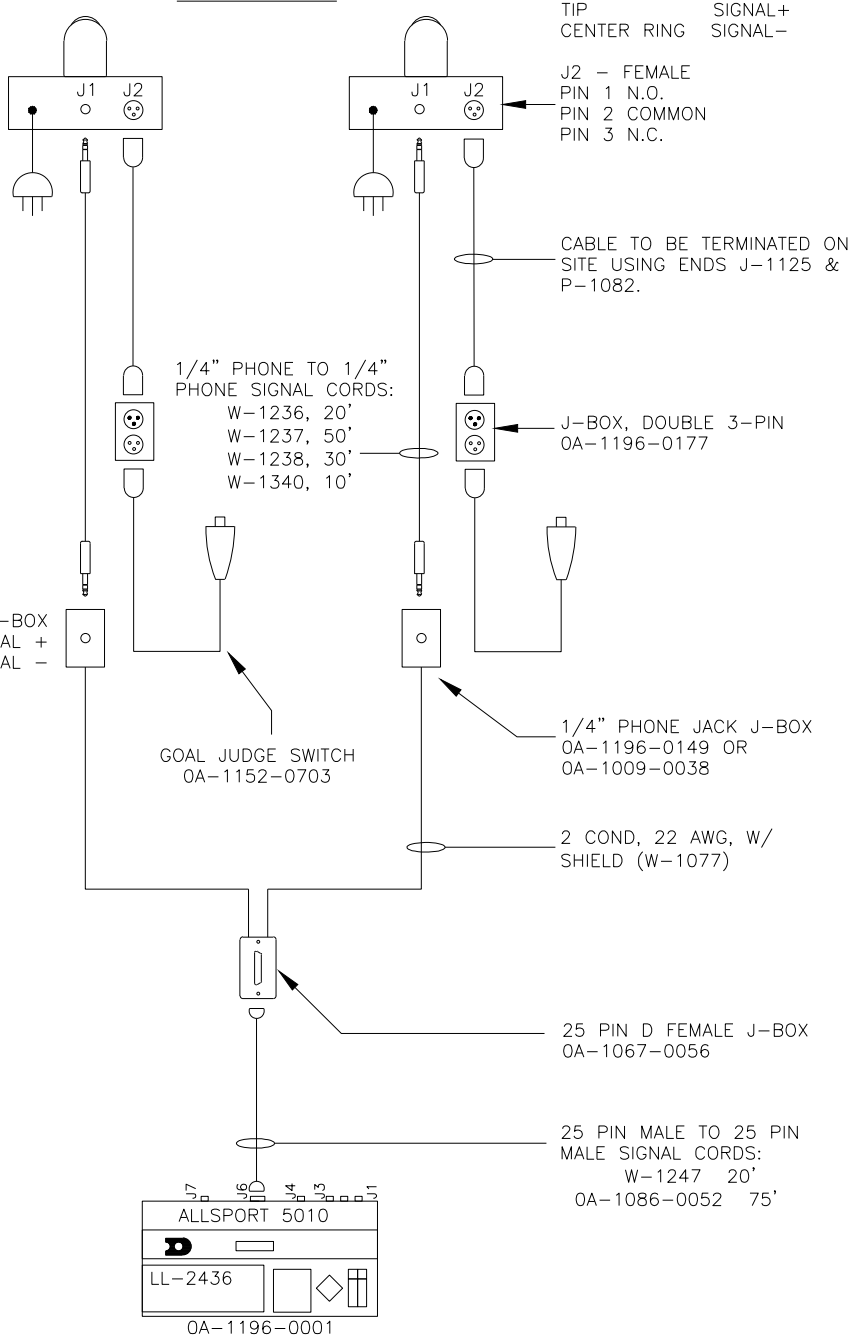
PROJ: STANDARD INDOOR LED SCOREBOARDS
TITLE: RISER DIAGRAM: GOAL INDICATOR SYSTEM W/ RC 100
DESIGN: MMILLER | DRAWN: AGEWERT | DATE: 23 AUG 07
SCALE:

SHEET	REV	JOB NO:	FUNC-TYPE-SIZE	
	03	P1152	R-01-A	317405

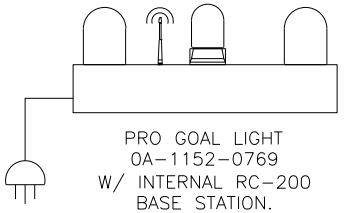
SECONDARY WIRED SETUP

SIDE VIEW



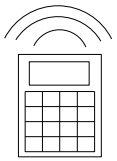
PRIMARY WIRELESS SETUP

FRONT VIEW



PRO GOAL LIGHT
0A–1152–0769
W/ INTERNAL RC–200
BASE STATION.

RC–200 WIRELESS HANDHELD



0A–1110–0062
GOAL JUDGE INSERT:
0G–298780
(CODE 99)

REFER TO ED–18140
FOR OPERATION

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THIRD ANGLE PROJECTION

PROJECT:	STANDARD INDOOR LED SCOREBOARDS			
TITLE:	RISER DIAGRAM: GOAL INDICATOR SYSTEM W/ RC-200			
DATE: 17 MAY 17	DIM UNITS: INCHES [MILLIMETERS]		SHEET	REV
SCALE: NTS	DO NOT SCALE DRAWING			00
DESIGN: MMILLER	JOB NO.	FUNC - TYPE - SIZE	3640999	
DRAWN: AHUNTER	P1152	R - 01 - A		