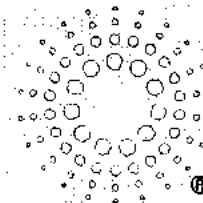




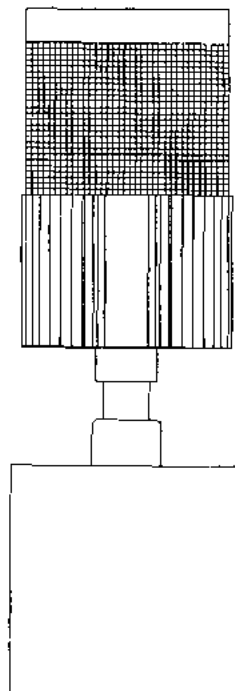
A product of



Everbrite

401 S Main St
Pardeeville, WI 53954
(608) 429-2121 / (800) 356-8146

OPERATING INSTRUCTIONS AND SERVICE MANUAL
2200 SERIES BASKETBALL GAME TIME GOAL LIGHT SYSTEM



EFFECTIVE October 12, 2004

TABLE OF CONTENTS

1. General Information

- 1.1 Description
- 1.2 Damage
- 1.3 Damage Claim procedure

2. Installation

- 2.1 General Information
- 2.2 Inspection

3. Assembly of Goal Light Equipment

- 3.1 Assembly of Goal Light Stand
- 3.2 Installing Wall Outlet
- 3.3 Testing The Goal Lights

4. Operation

5. Replacement Parts List

- 5.1 Goal Light System Parts

6. Diagrams

- 6.1 Scoreboard System Layout (C-12102)
- 6.2 Control Wiring
- 6.3 Controller Plate Modification (D-13418 & D-13453)

1. GENERAL INFORMATION

1.1 DESCRIPTION

Your All-American Scoreboard has been carefully inspected and tested before leaving the factory. It is possible, however, that components may be loosened or forced out of adjustment in transit. If this occurs, contact immediately:

ALL-AMERICAN Service Department
EVERBRITE LLC
P. O. Box 100
Pardeeville, WI 53954
Telephone: (608) 429-2121
Toll Free: 800-356-8146
E-mail score@everbrite.com

Parts being returned for repair are to be sent to:

ALL-AMERICAN Service Department
EVERBRITE LLC
401 South Main Street
Pardeeville, WI 53954

1.2 DAMAGE

Upon receipt, check for visible damage. If this occurs, or if damage is found after shipment has been accepted, follow the damage claim procedure.

1.3 DAMAGE CLAIM PROCEDURE

An instruction sheet is enclosed advising the Consignee in case of damage in transit.

If damage is noted at time of delivery, Consignee must obtain an Inspection of Bad Order from the delivering carrier. In order to process your claim, this must be properly filled out with a complete statement of all damage and signed by the carrier.

If damage is discovered after delivery, you should call the delivery company. Have them make out a Concealed Damage report. Fifteen days after delivery are allowed, so this should be done PROMPTLY or it is impossible to process this claim.

Advise EVERBRITE Corporation of necessary replacement parts, or repairs. Consignee will be invoiced and then should file a claim with the carrier to recover charges.

TO FILE YOUR CLAIM FOLLOW THIS PROCEDURE:

- (A) Cost of replacement parts or repair charges are invoiced to the carrier by the Consignee.

(B) The following documents, plus invoice are forwarded to the Trucking Company in support of your claim:

- (a) Original bill of lading.
- (b) Original paid freight bill.
- (c) Certified copy of original invoice.
- (d) Standard form for Presentation of Loss and Damage Claim, properly filled out.

2. INSTALLATION

2.1 GENERAL INFORMATION

Check shipment and if damaged file damage claim.

Shipping papers accompany each shipment. Check carefully to see that you receive the following:

- 1 ea Service Manual
- 2 ea Goal Light Assemblies
- 2 ea Scoreboard Light Harness
- ? ft Control Cable (if ordered)

2.2 INSPECTION

Inspect each unit and tighten all screws, lamps, and fittings that may have loosened in shipment.

3. ASSEMBLY OF GOAL LIGHT EQUIPMENT

3.2 INSTALLING THE WALL OUTLET

- (A) Select the location of the Goal lights for game operation. See the typical setup illustration in this manual.
- (C) Run conduit to the scoreboard from each goal light.
- (D) Pull length of MP-41 cable through the conduits.
- (F) Wire to the scoreboard controller per the drawings in section 6 of this manual.

3.3 TESTING THE GOAL LIGHTS

- (A) Energize the scoreboard and goal lights circuits.
- (B) Run the scoreboard period clock until it stops at 0:00 time. The red lights at both ends of the court will illuminate for 3 seconds.

5. REPLACEMENT PARTS LIST

5.1 GOAL LIGHT PARTS

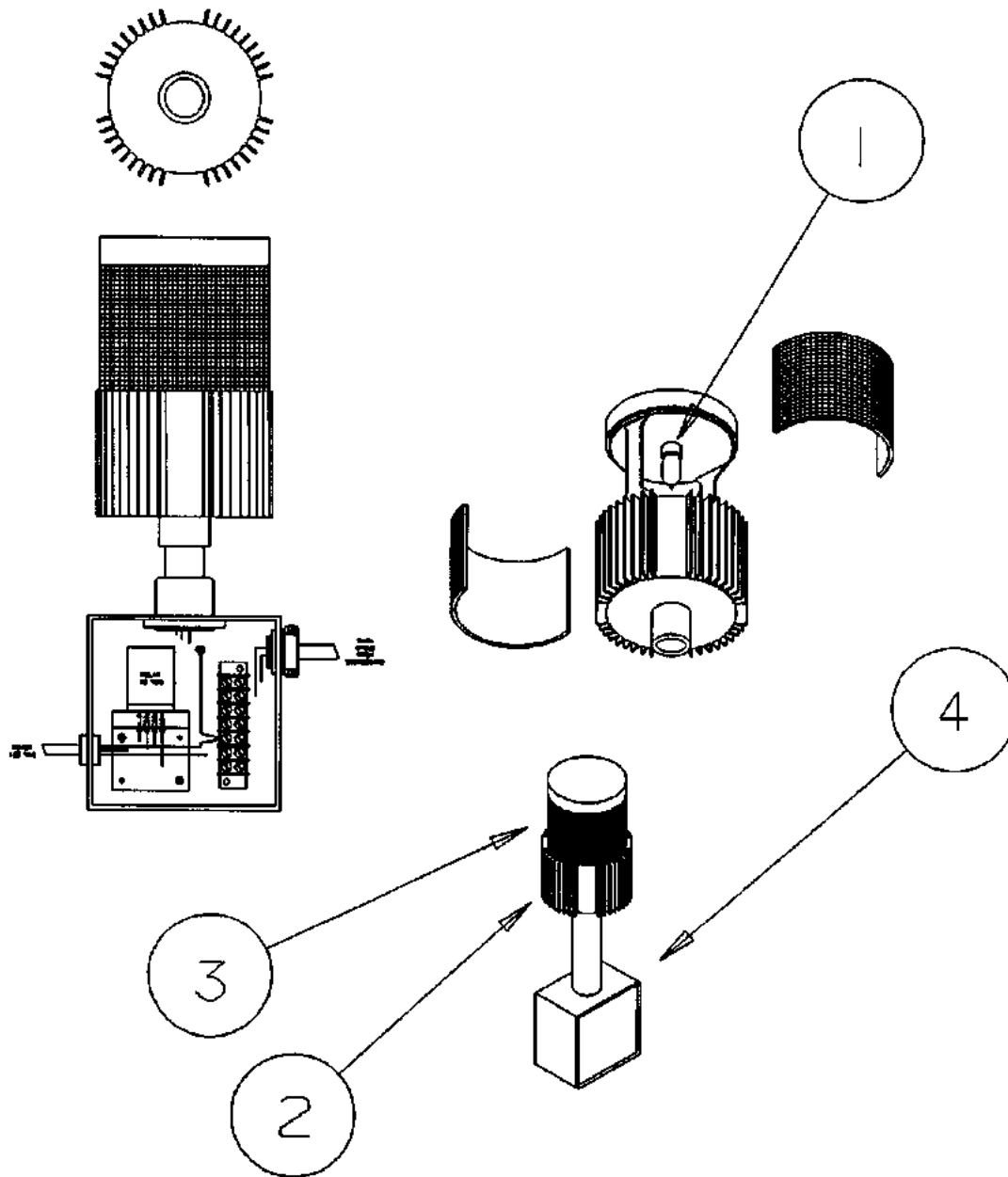


Figure 1

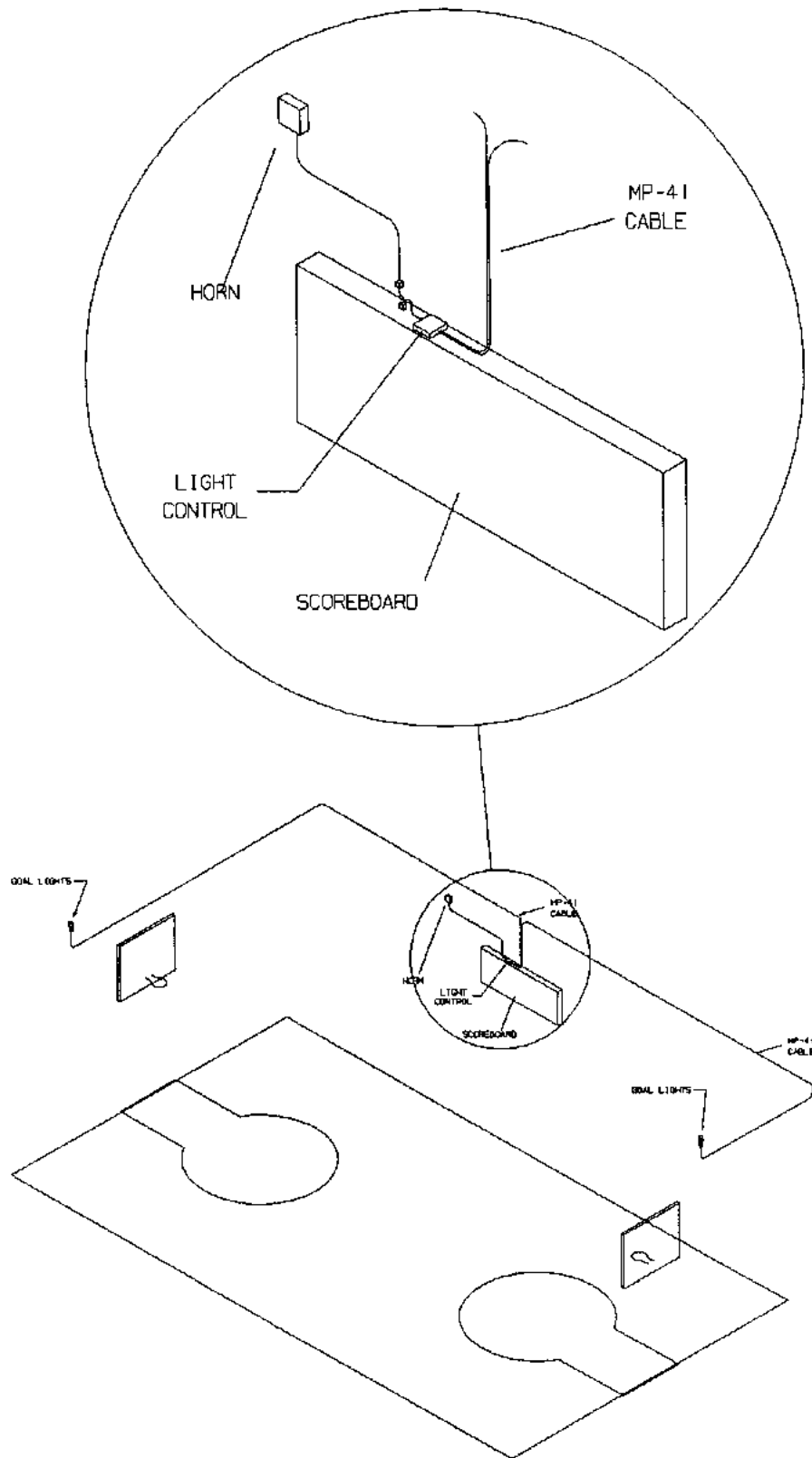
GOAL LIGHT SET

REPLACEMENT PARTS LIST (Goal Light)

fig. & index	MFG PART NUMBER	DESCRIPTION	REF DES	VENDOR PART #
1- 1-1 1-2 1-3 1-4 1-5 1-6 1-7	121872 000000 000000 000000 122302 000000 151008 703118	Goal Light Assembly, Lamp, 120 V Halogen Base, Globe, Red Light Control Assy Relay, 4PDT 12V. Relay tray, Relay socket,	R1/R2	121872 K8107163A 000000 122302 000000
1-8 1-9 1-10 1-11 1-12 1-13 1-14 1-15	000000 703152 701137 702616 703118 700152 700801 151007	Controller Connection Box Relay, 120 VAC Terminal Block, 7C Connector Housing, 2 Pin Socket, Relay Resistor, 220 OHM 1/4 Watt (3000 system only) Capacitor, .1 uF 400 Volt (3000 system only) Relay Tray, 1 relay	R3	
1-16 1-17 1-18 1-19 1-20 1-21	150606 930894 150500 702448 EL061900 154063	Control, Goal Judges Connector, 6C Male Cable, MP-41 Control Switch, Pushbutton Bezel, Enclosure, Floating Time Control	S1/S2	150606 Hirose 154063

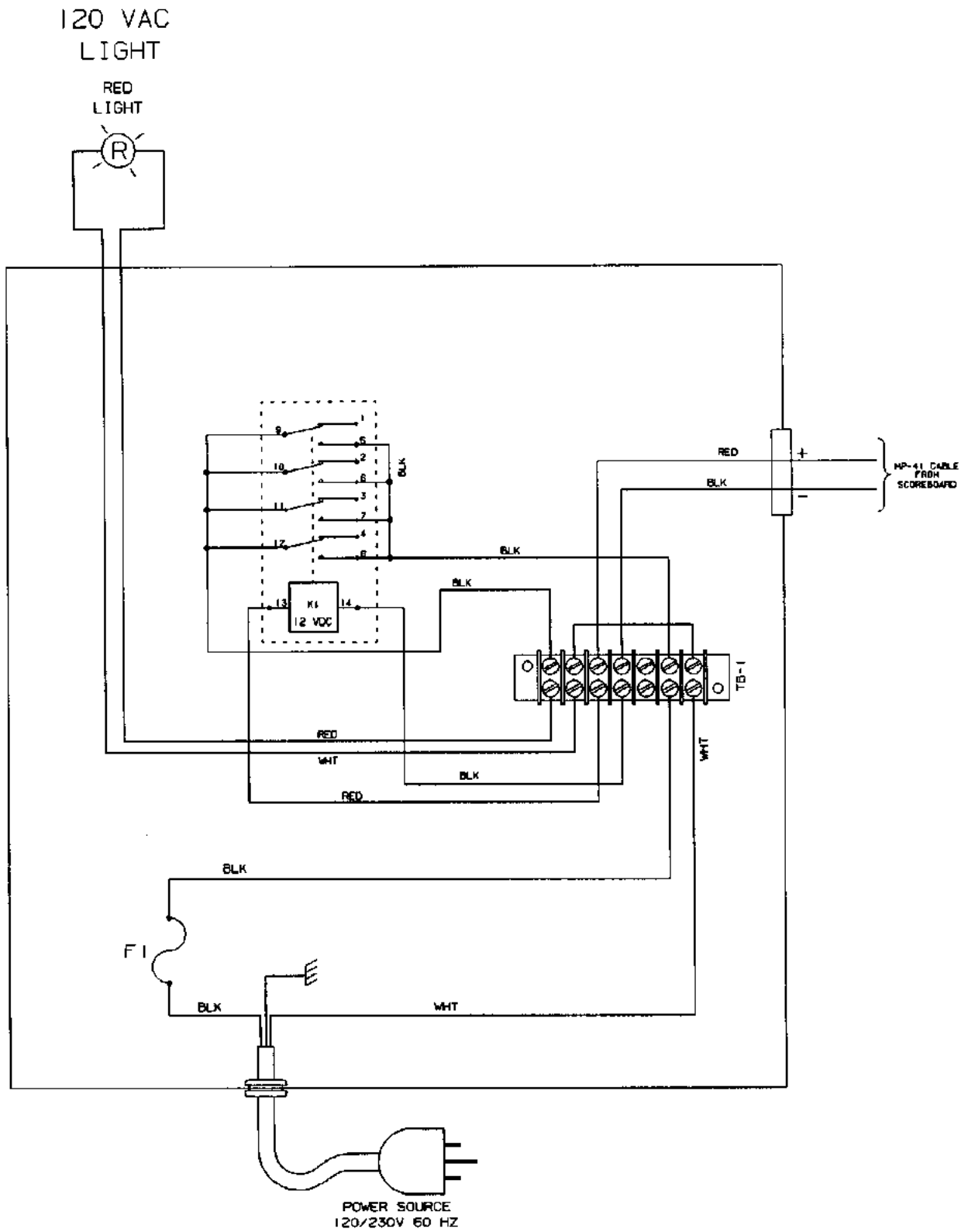
6. DIAGRAMS

6.1 Goal Light System Layout



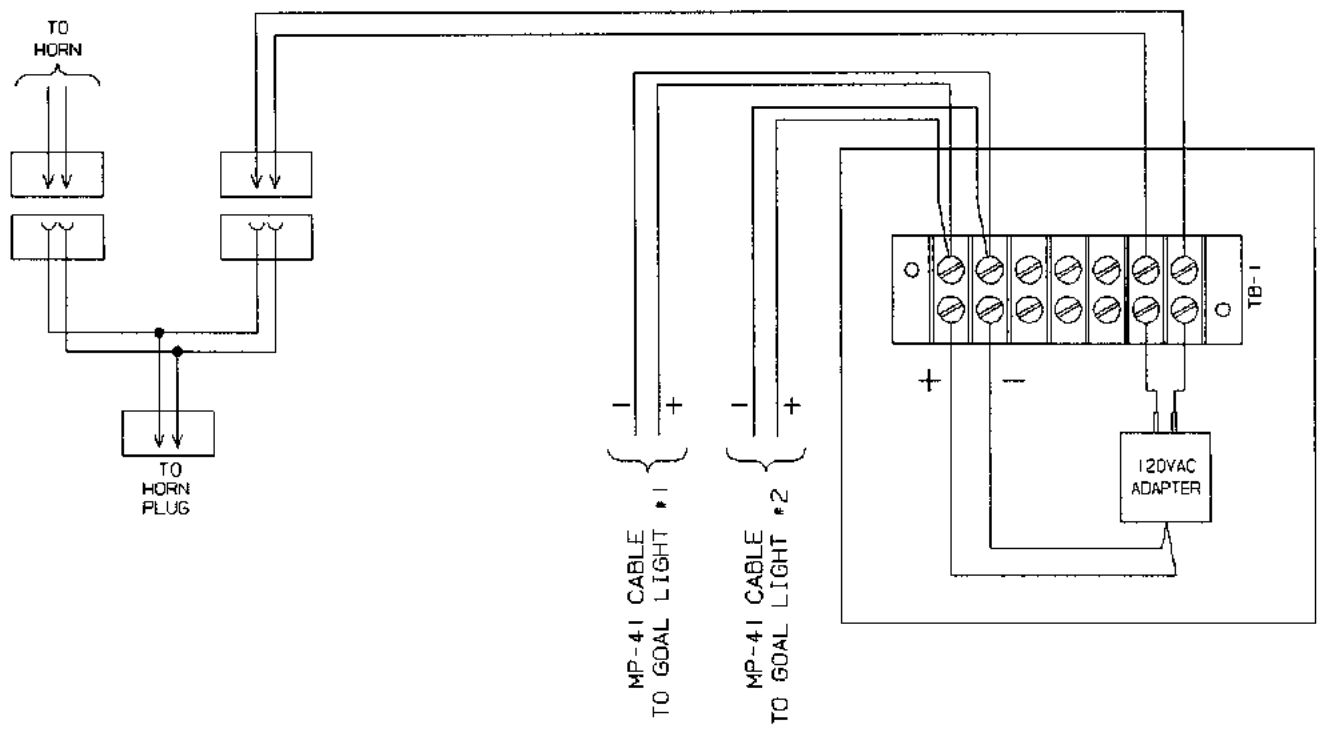
SYSTEM LAYOUT

6.2 Goal Light Interlock Wiring



GOAL LIGHT INTERLOCK WIRING

6.3 Light Control Interface Wiring



CONTROLLER INTERFACE WIRING