COMPETITION TECHNICAL HARDWARE SET UP MANUAL

Revision Table

Revision Number.	Description	Revised By	Date Revised (YYYY/MM/DD)
00	Initial draft	Anthony Agtarap	2020/02/17

COMPETITION TECHNICAL HARDWARE SET UP

Instructions

This manual indicates how to set up the technical equipment hardware that required to run a weightlifting competition.

The scope of this manual is the hardware set up only and does not include instructions on the how to operate the Olympic Weightlifting Competition Management System (OWLCMS4) software or how to input the athlete data.

For OWLCMS4 software set up, please reference: **https://jflamy.github.io/owlcms4/#/Preparation**

For competition preparation guidelines including recommended timeline, reference: **Preparing for your competition.docx**

Link to document on BCWA website

Competition Technical Equipment Required

No.	Quantity	Description
1	1x	Center referee & down signal connections box (includes speaker unit)
2	1x	Electronics 2 bin
3	1x	Monitors bin
4	1x	Power cables bin
5	1x	Large Monitor

COMPETITION TECHNICAL HARDWARE SET UP
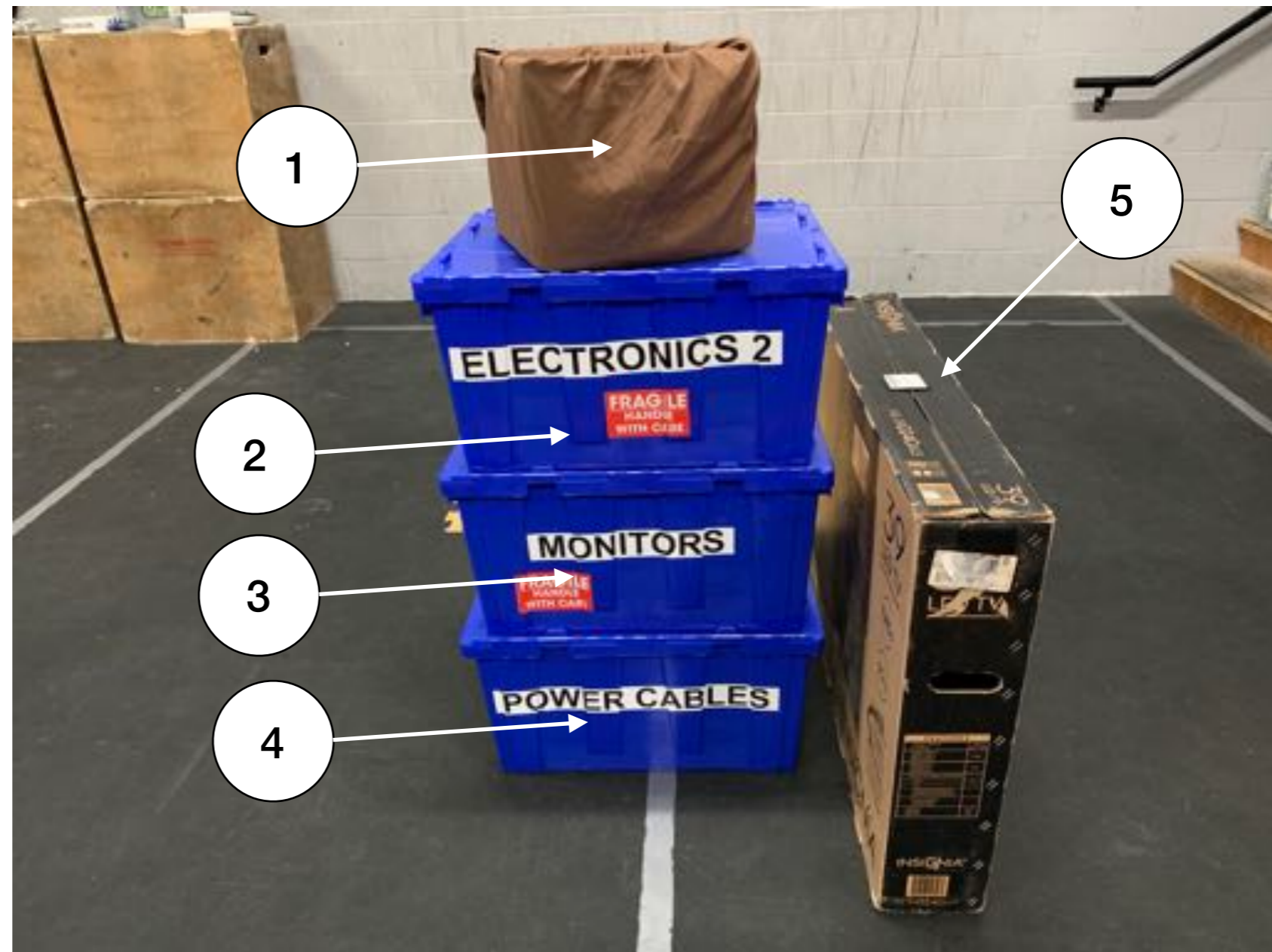
2 - Electronics 2 Bin Contents

No.	Quantity	Description
2	1x	Electronics 2 Bin
2.1	1x	Scorer's computer equipment hard case
2.2	1x	Referee buttons & connectors hard case
2.3	3x	WiFi Access Point
2.4	1x	Scorer's keyboard

COMPETITION TECHNICAL HARDWARE SET UP
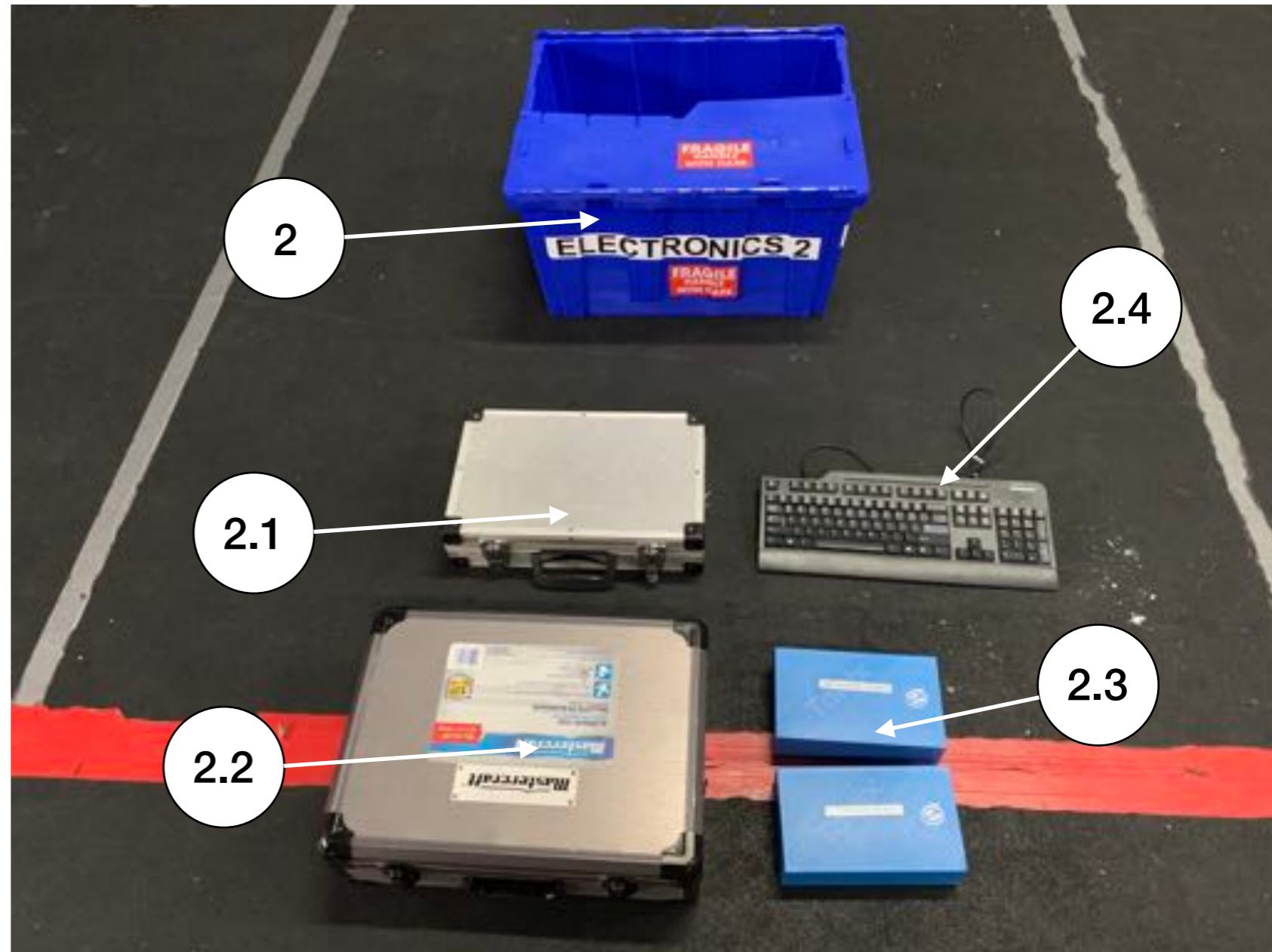
2.1 - Scorer's Computer Equipment Hard Case Contents

No.	Quantity	Description
2.1	1x	Scorer's computer equipment hard case
2.1.1	1x	Scorer's computer hard drive
2.1.2	1x	Computer power adaptor
2.1.3	1x	VGA Connector Cable
2.1.4	2x	Computer mouse

COMPETITION TECHNICAL HARDWARE SET UP
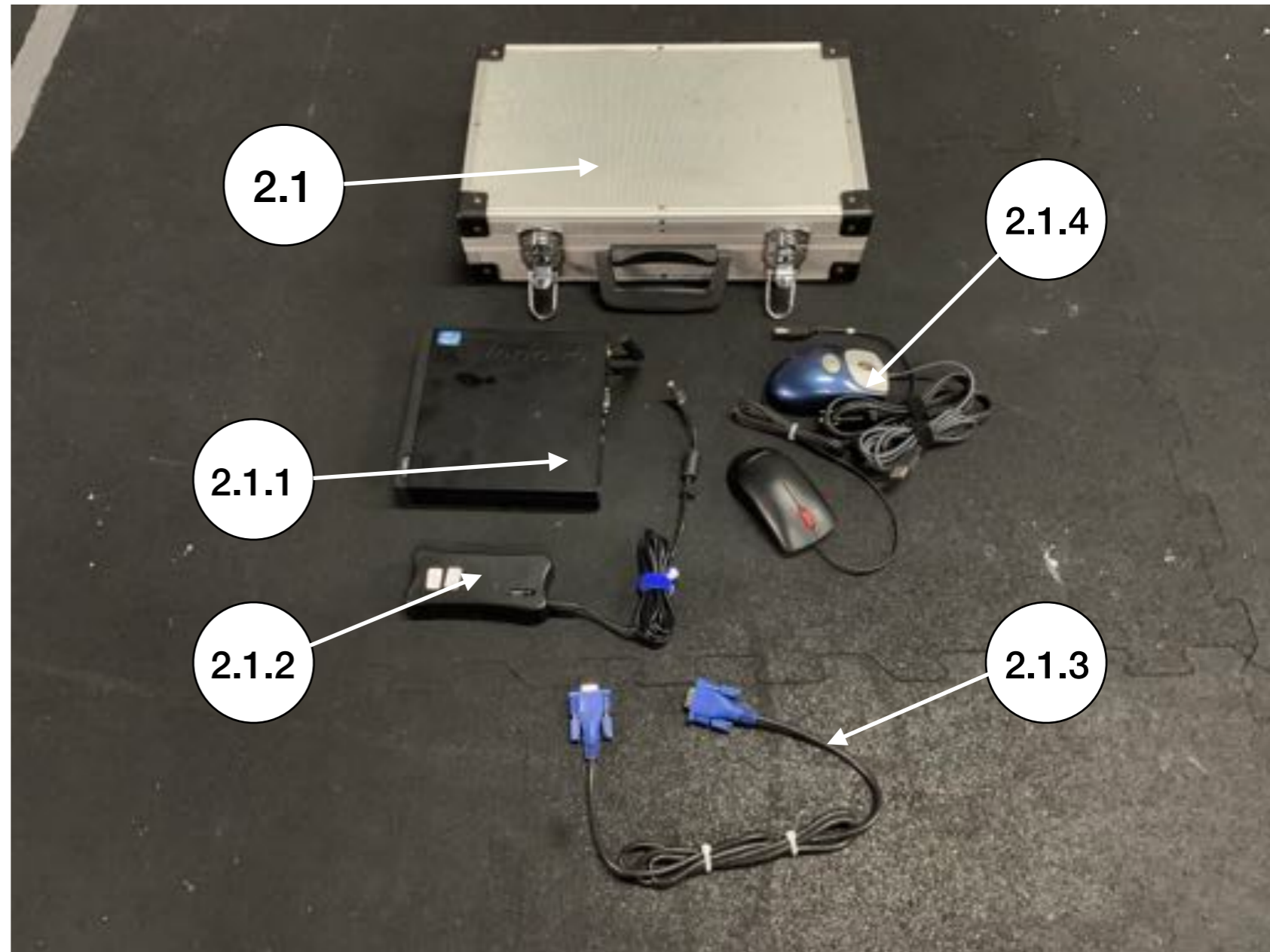
2.2 - Referee Buttons & Connectors Hard Case Contents

No.	Quantity	Description
2.2	1x	Referee buttons & connectors hard case
2.2.1	1x	Referee buttons
2.2.2	1x	DLink router
2.2.3	1x	DLink router power plugs
2.2.4	6x	HDMI connectors
2.2.5	3x	HDMI - VGA connectors
2.2.6	2x	USB male-female connector
2.2.7	3x	Mini computer keyboard power cables
2.2.8	3x	Mini computer keyboards
2.2.9	3x	Mini computers
2.2.10	3x	Mini computer keyboards power cables
2.2.11	2x	Printer cables

COMPETITION TECHNICAL HARDWARE SET UP
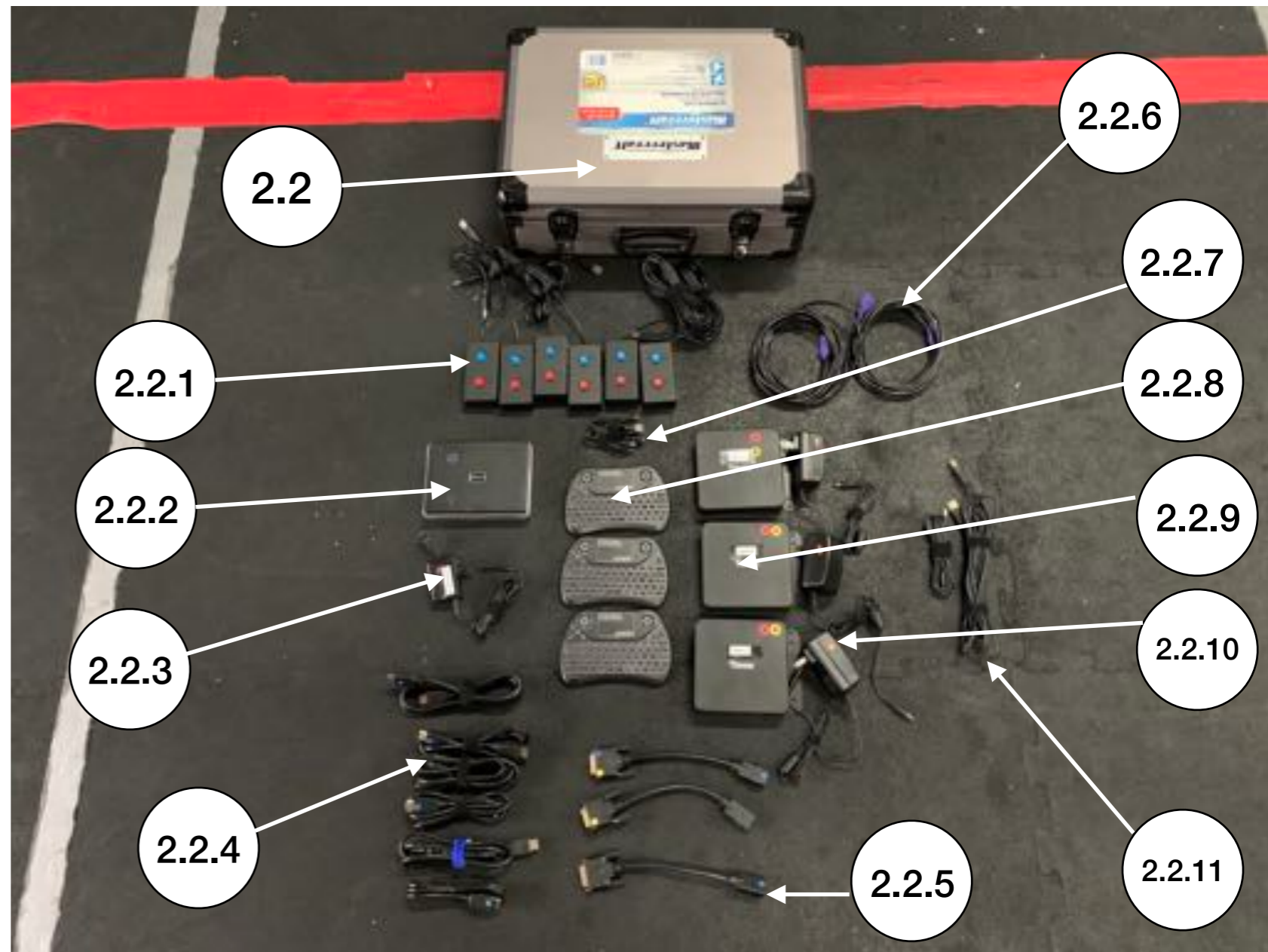
2.2 - Referee Buttons & Connectors Hard Case Contents (Continued)

No.	Quantity	Description
2.2.1	1x	Referee buttons
2.2.2	1x	DLink router
2.2.3	1x	DLink router power plugs
2.2.4	6x	HDMI connectors
2.2.5	3x	HDMI - VGA connectors
2.2.6	3x	USB male-female connector
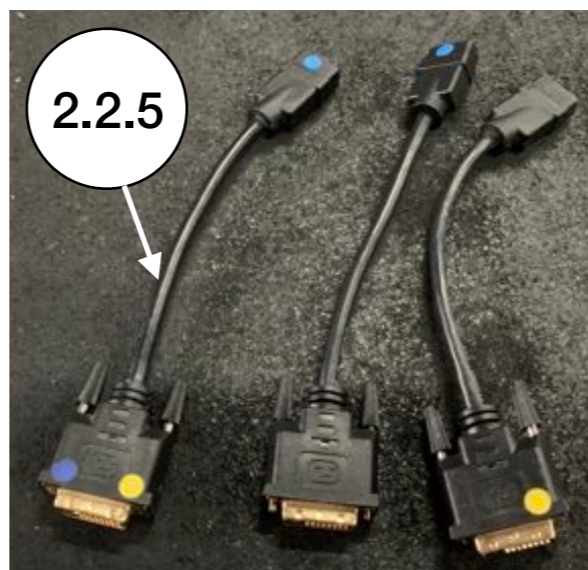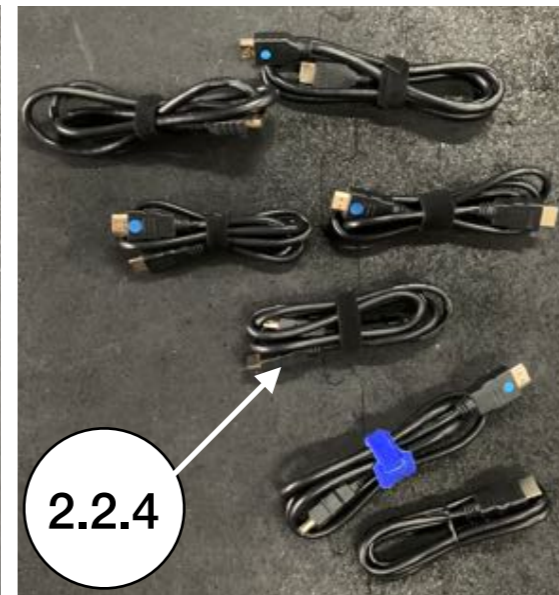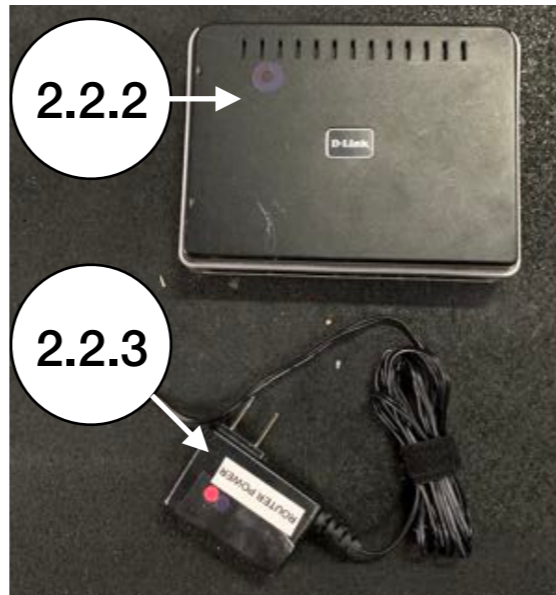
2.2 - Referee Buttons & Connectors Hard Case Contents (Continued)

No.	Quantity	Description
2.2.7	3x	Mini computer keyboard power cables
2.2.8	3x	Mini computer keyboards (nano receiver stored inside)
2.2.9	2x	Mini computers
2.2.10	3x	Mini computer power cables
2.2.11	2x	Printer cables

COMPETITION TECHNICAL HARDWARE SET UP
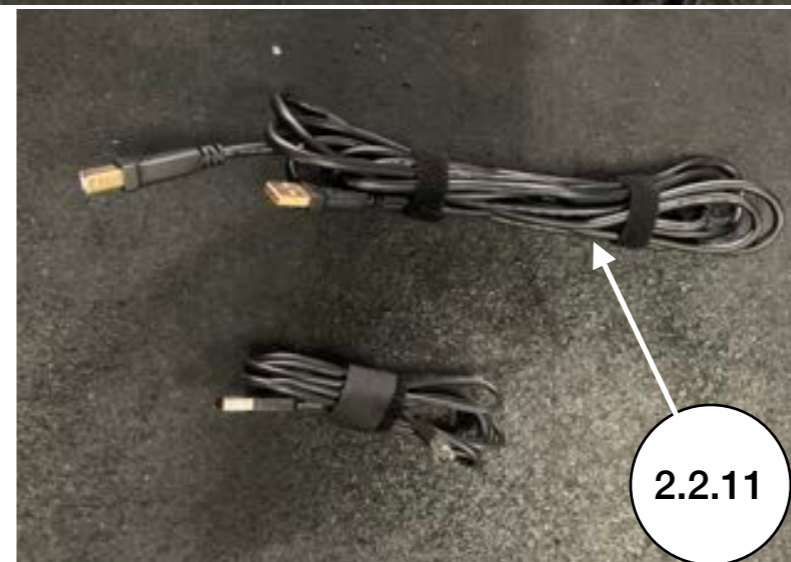
3 - Monitors Bin Contents

No.	Quantity	Description
3	1x	Monitors Bin
3.1	3x	LG Monitor Power Adaptor
3.2	4x	LG Monitor
3.3	4x	LG Monitor stand
3.4	5x	VGA Connectors

COMPETITION TECHNICAL HARDWARE SET UP
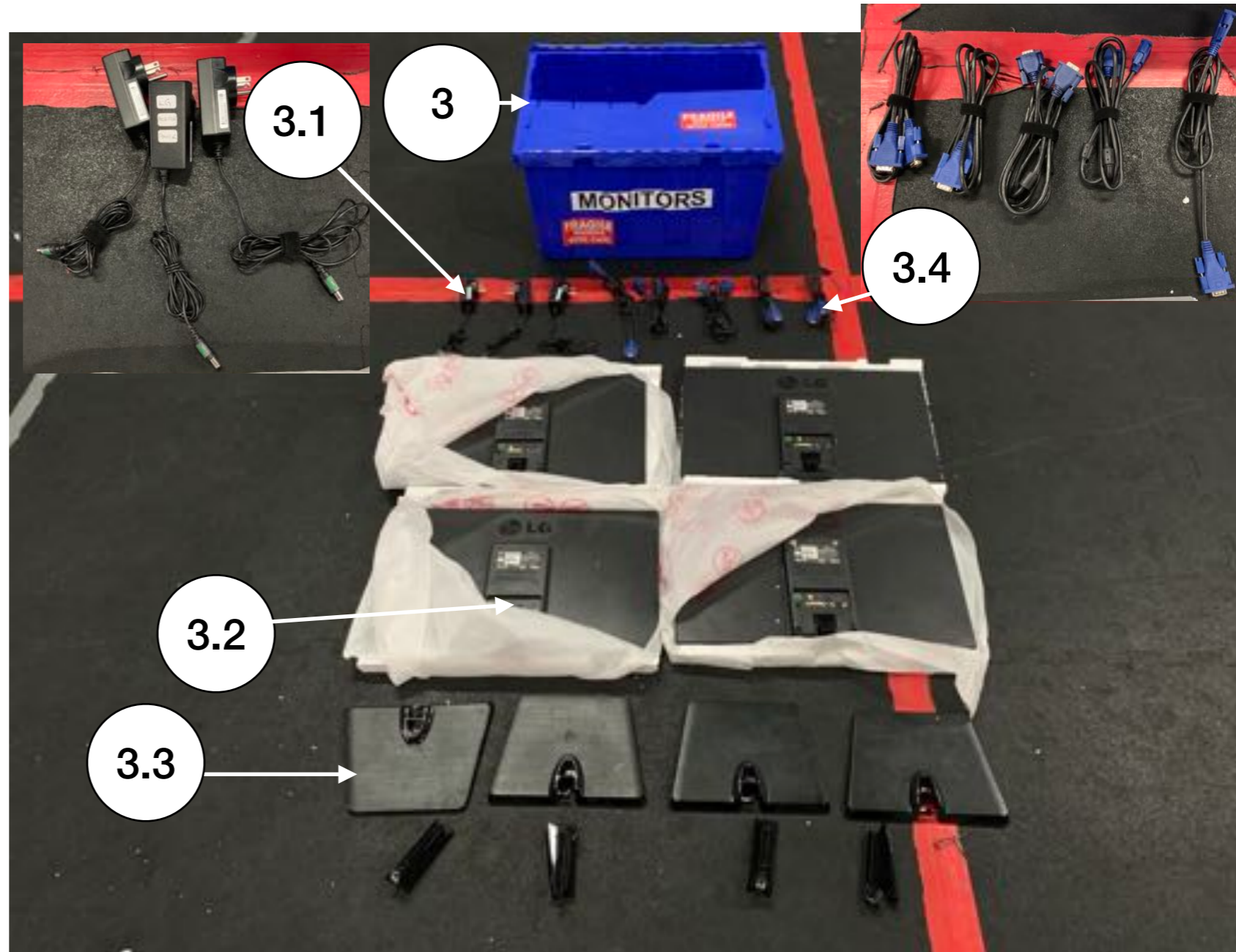
4 - Power Cables Bin Contents

No.	Quantity	Description
4	1x	Power Cables Bin
4.1	7x	Computer Power Cable
4.2	6x	Power Bar
4.3	2x	16' Extension Cord
4.4	3x	30' Extension Cord
4.5	2x	50' Extension Cord
4.6	1x	100' Extension Cord

COMPETITION TECHNICAL HARDWARE SET UP
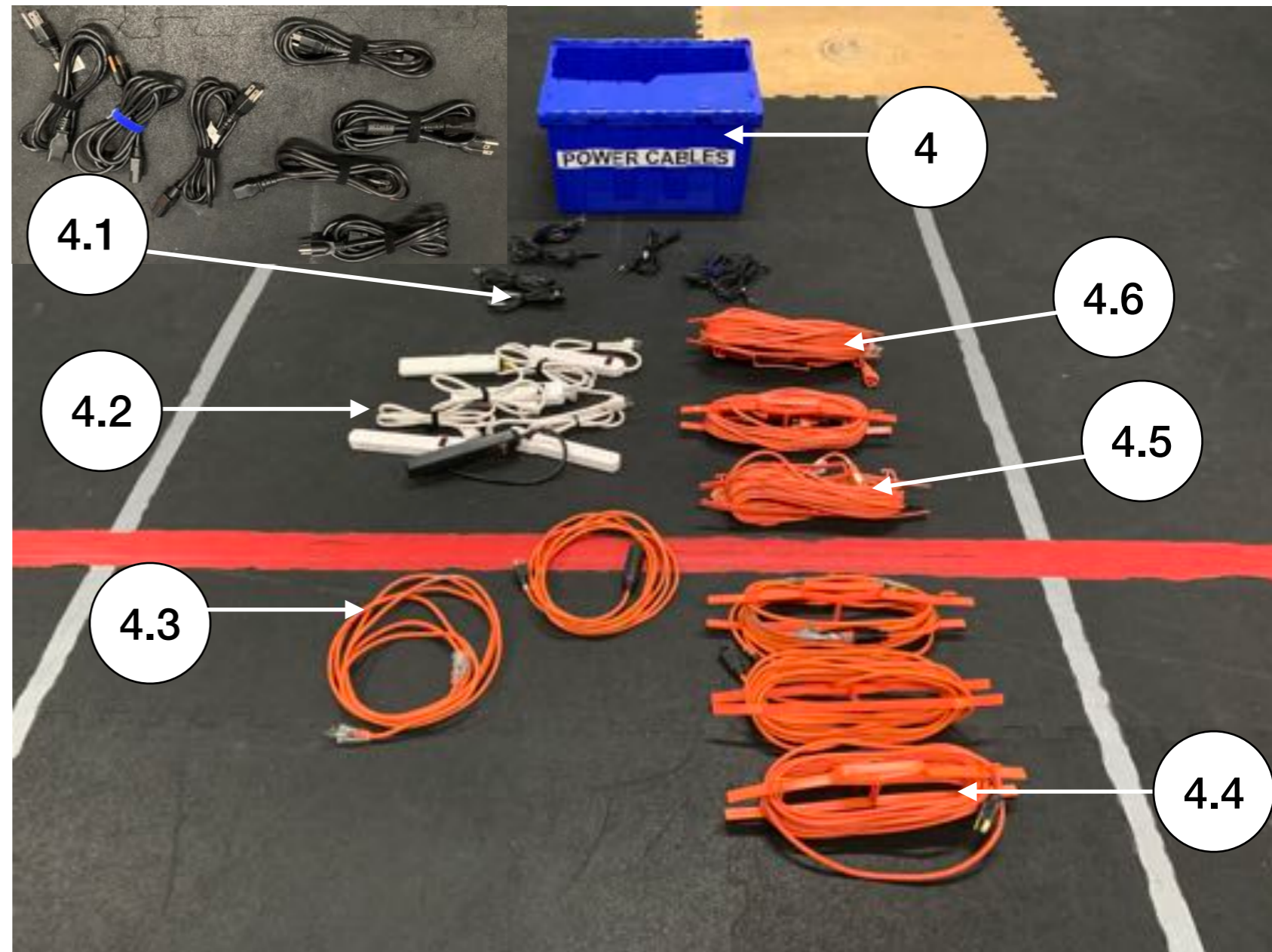
Scorer's Computer Set Up

No.	Quantity	Description
2.1.1	1x	Scorer's computer hard drive
2.1.2	1x	Computer power adaptor
4.1	1x	Computer power cable
4.2	1x	Power bar
2.3	1x	WiFi Access Point
3.1	1x	LG Monitor Power Adaptor
2.1.3	1x	VGA Connector Cable
3.2	1x	LG Monitor
2.1.4	1x	Computer mouse
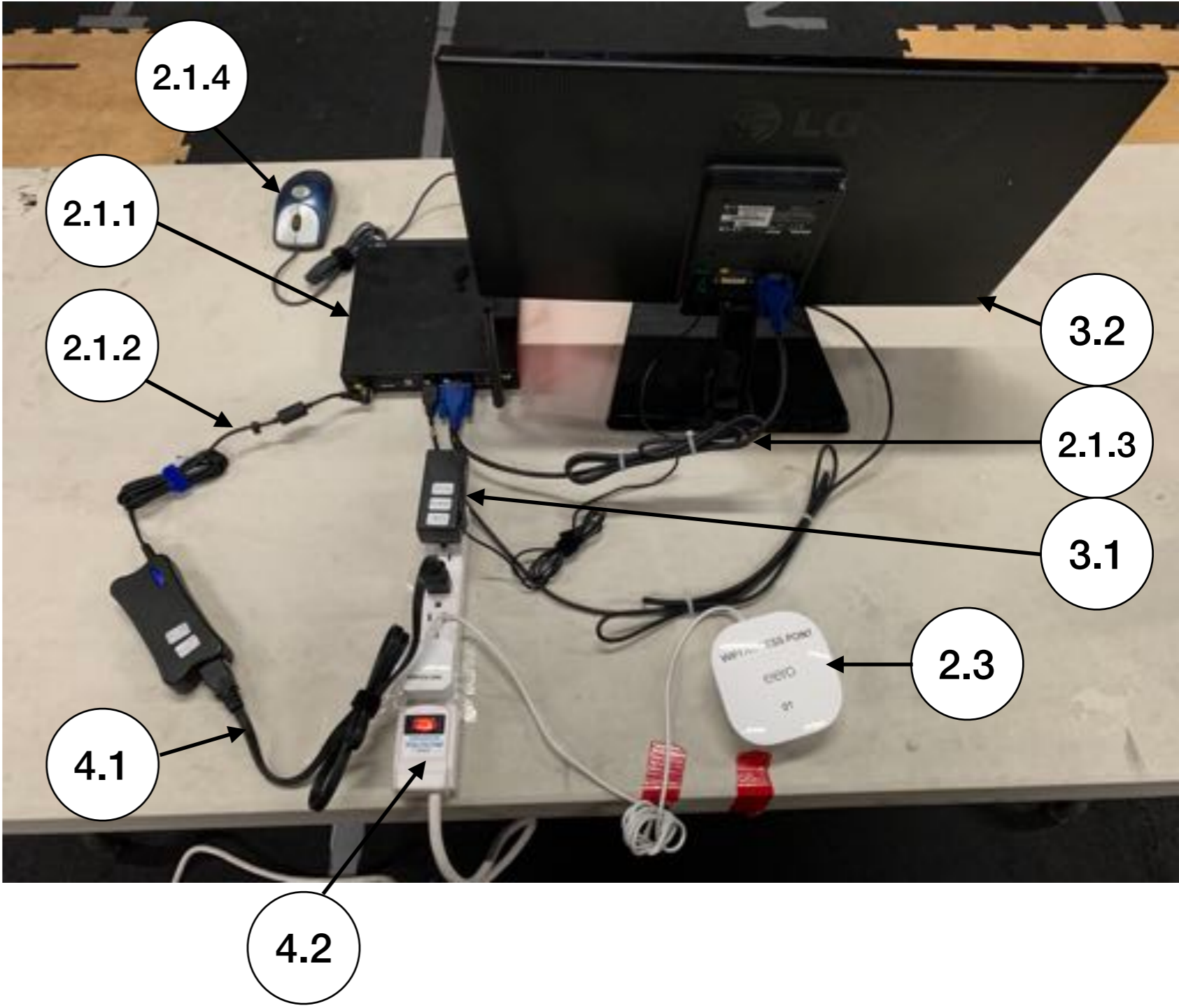
COMPETITION TECHNICAL HARDWARE SET UP

Scorer's Computer Set Up (Continued)

No.	Quantity	Description
2.1.1	1x	Scorer's computer hard drive
2.1.2	1x	Computer power adaptor
2.4	1x	Computer keyboard
2.1.3	1x	VGA Connector Cable
3.1	1x	LG Monitor Power Adaptor
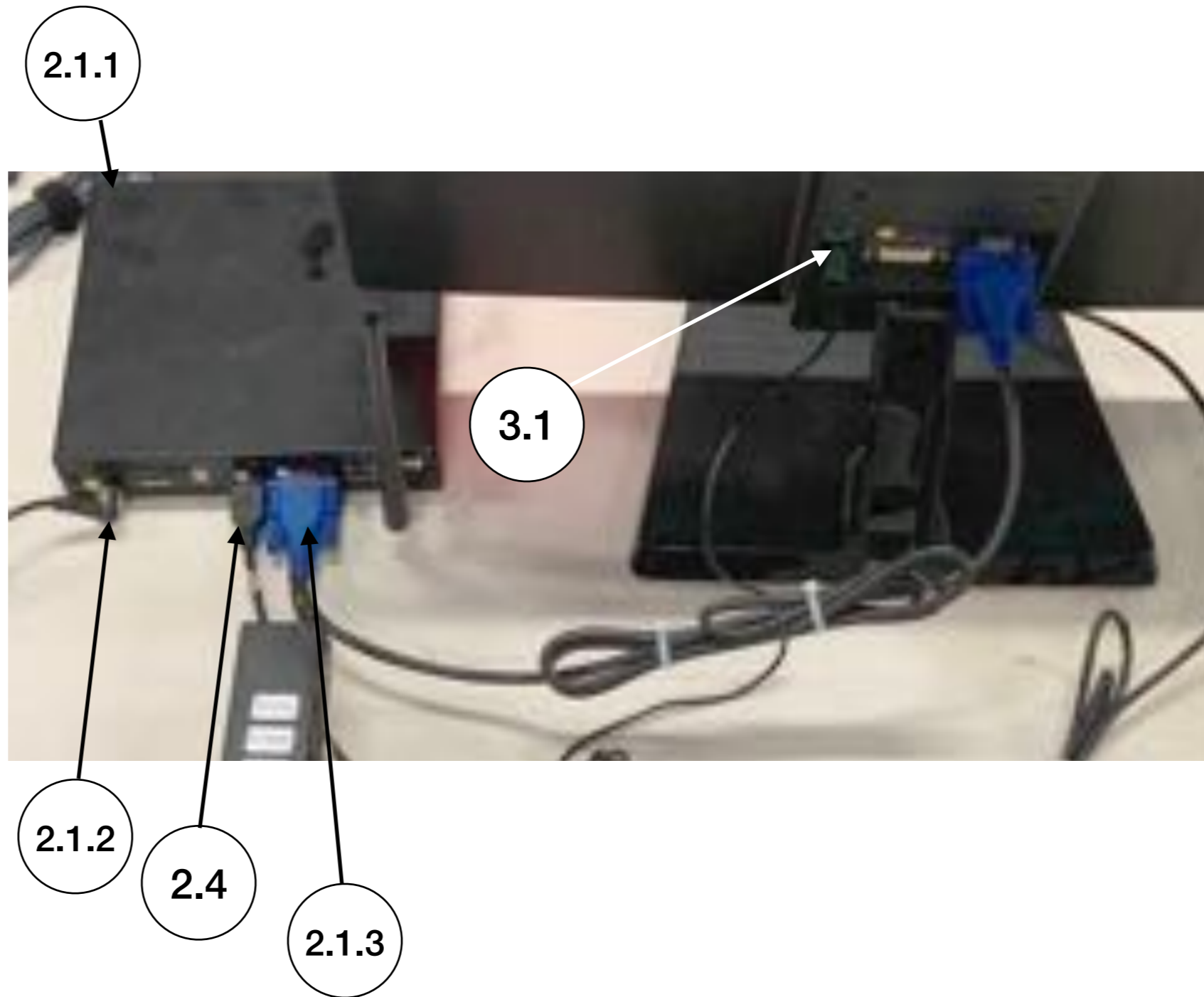
Scorer's Computer Set Up (Continued)

No.	Quantity	Description
3.2	1x	LG Monitor
2.4	1x	Computer keyboard
2.1.4	1x	Computer mouse
2.1.1	1x	Scorer's computer hard drive

COMPETITION TECHNICAL HARDWARE SET UP
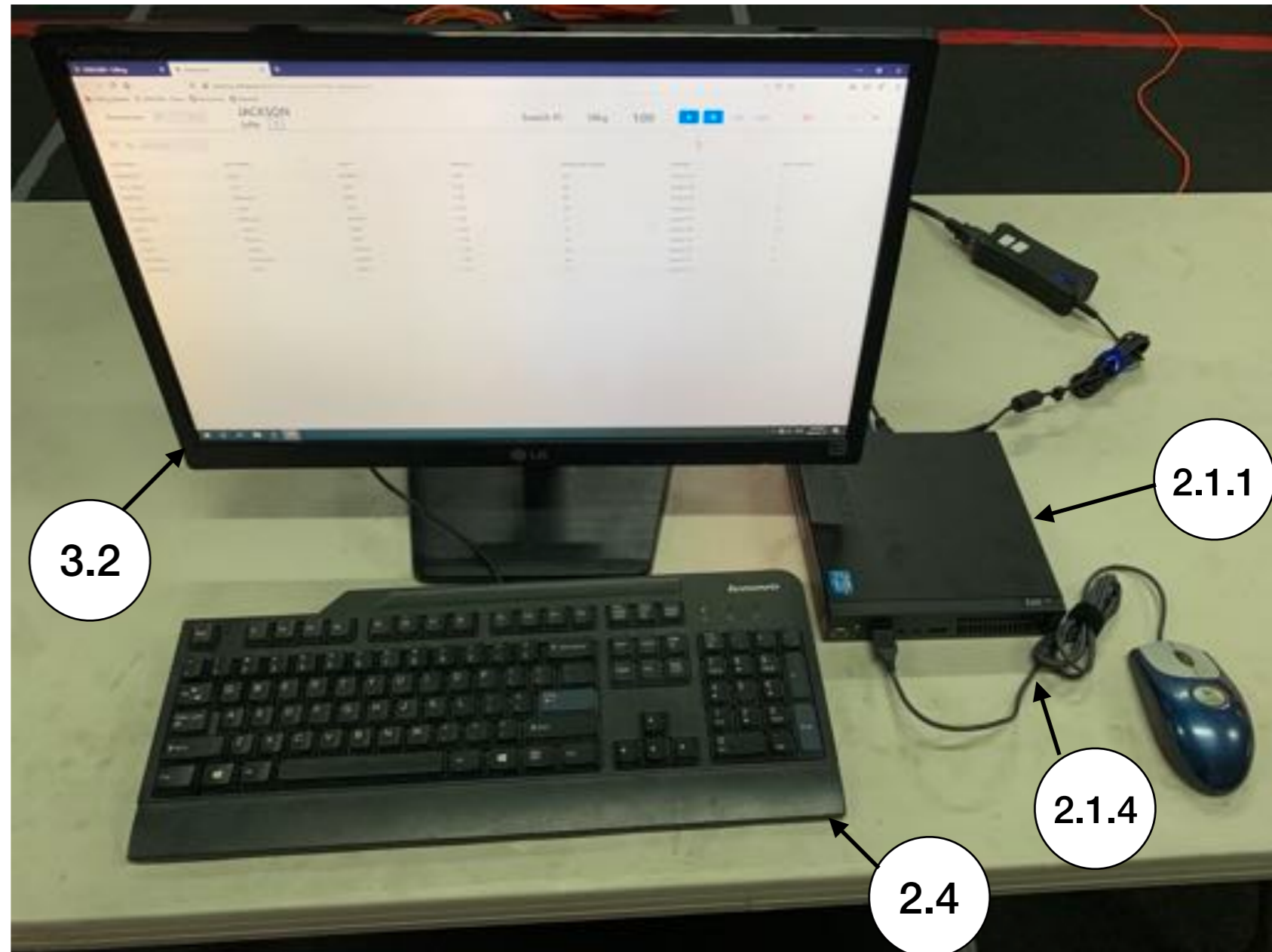
Referee Buttons & Down Signal Connections Box Set Up

No.	Quantity	Description
2.2.1	3x	Referee buttons
2.2.6	2x	USB male-female connector
1	1x	Center referee & down signal connections box (includes speaker unit)
3.2	1x	LG Monitor
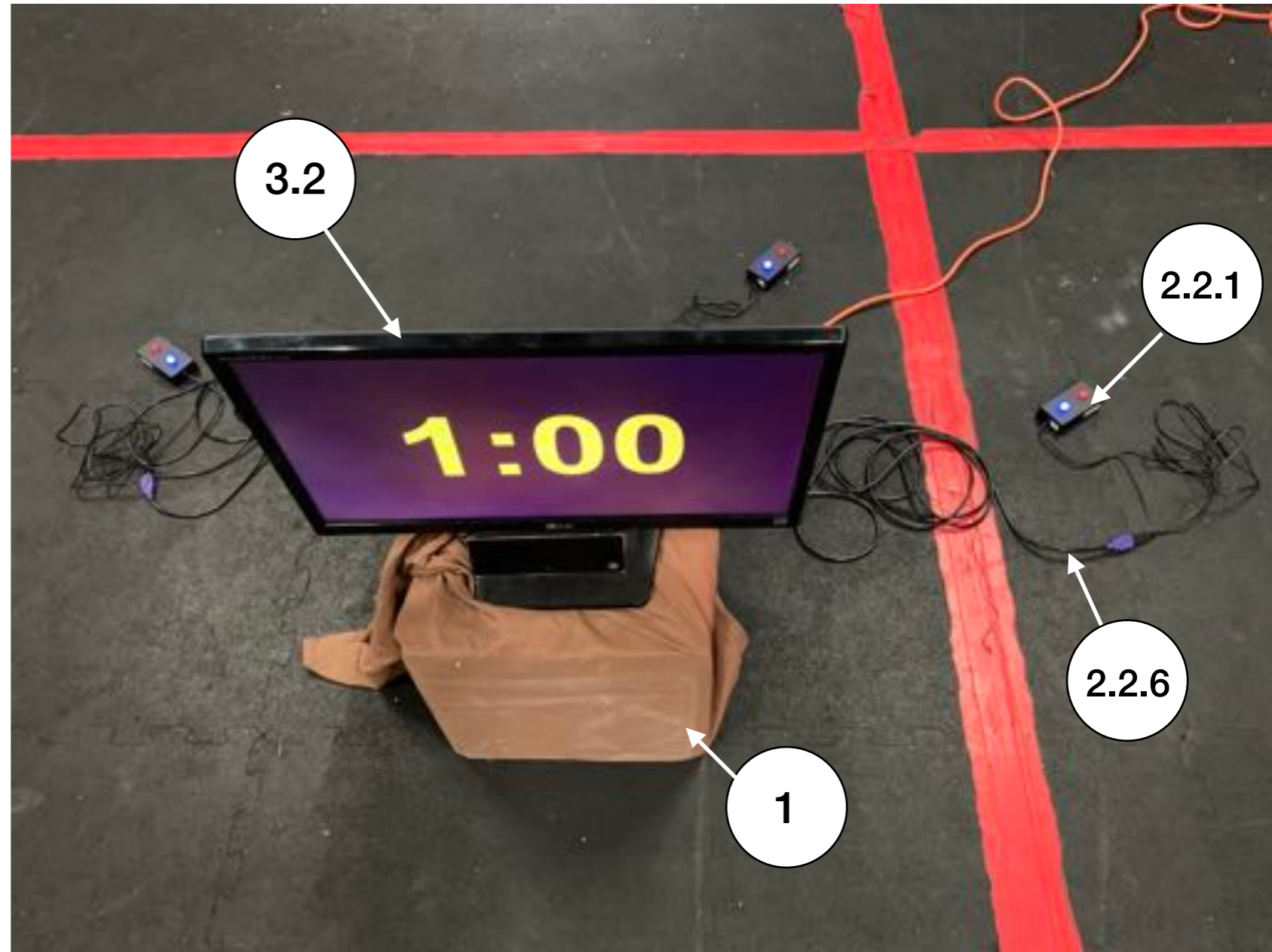
COMPETITION TECHNICAL HARDWARE SET UP

Referee Buttons & Down Signal Connections Box Set Up (Continued)

No.	Quantity	Description
2.2.1	3x	Referee buttons
2.2.6	2x	USB male-female connector
1	1x	Center referee & down signal connections box
3.2	1x	LG Monitor

COMPETITION TECHNICAL HARDWARE SET UP
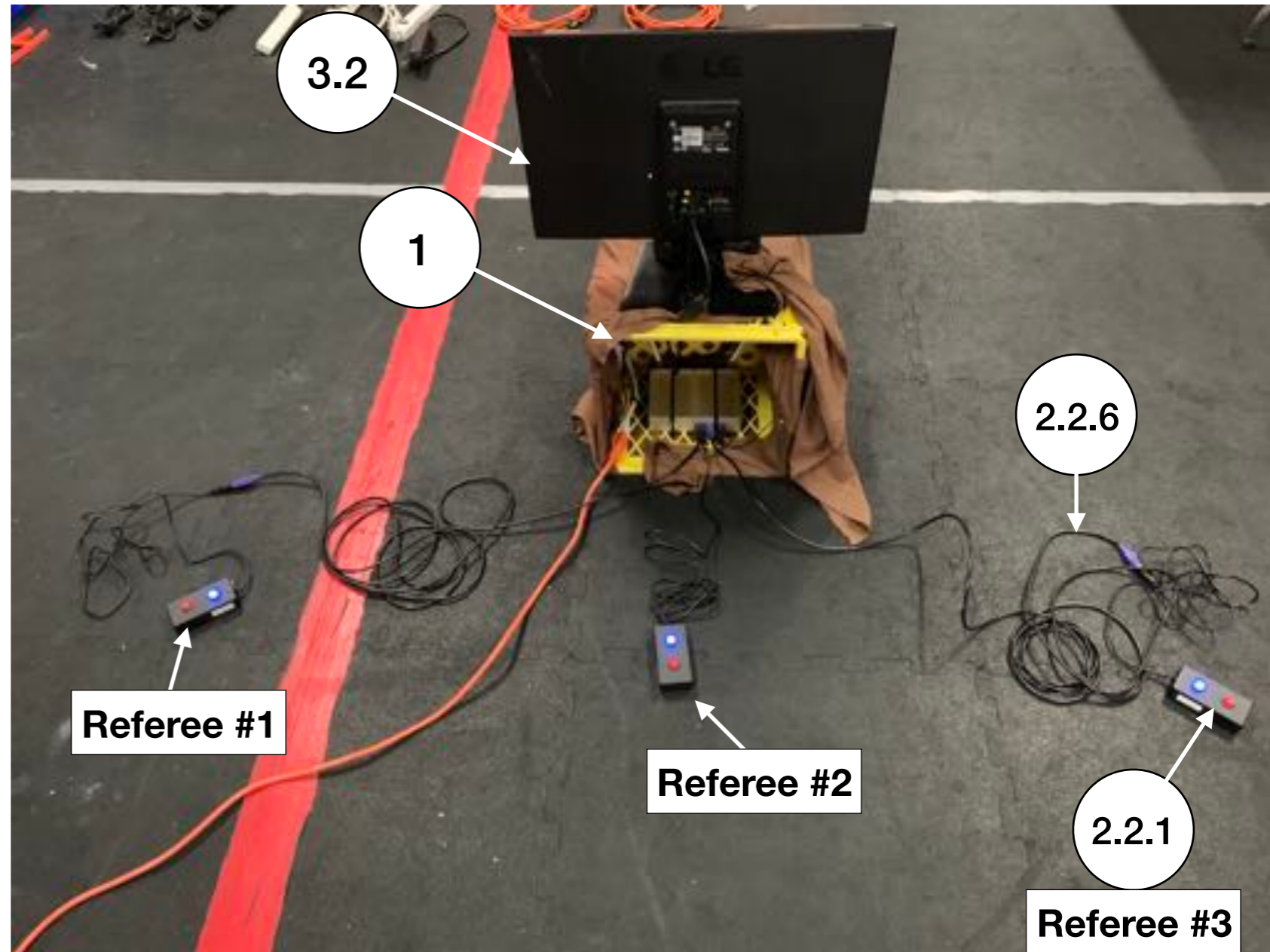
Referee Buttons & Down Signal Connections Box Set Up (Continued)

No.	Quantity	Description
2.2.8	1x	Mini computer keyboard Nano receiver
2.2.6	2x	USB male-female connector

COMPETITION TECHNICAL HARDWARE SET UP
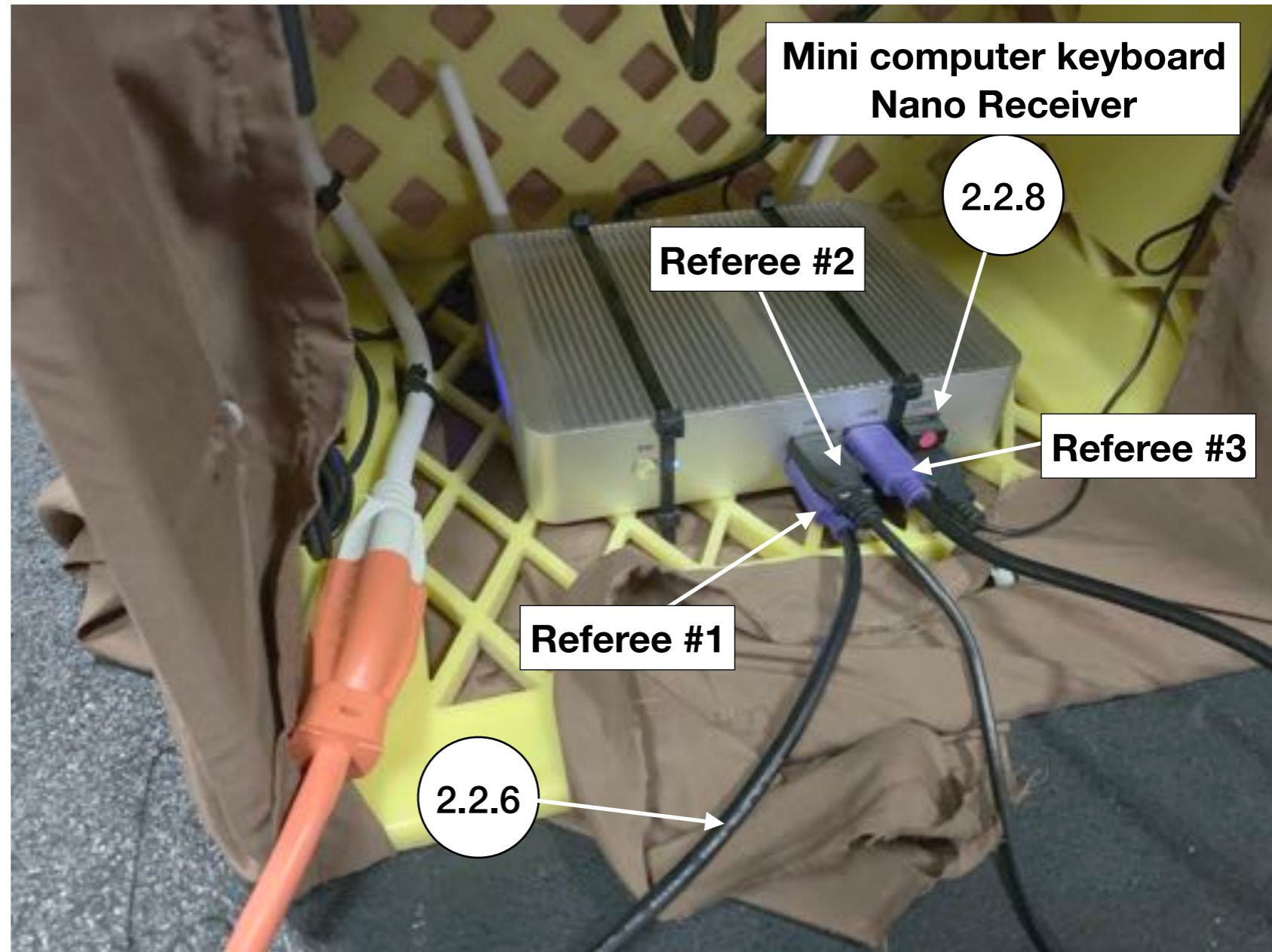
Referee Buttons & Down Signal Connections Box Set Up (Continued)

No.	Quantity	Description
2.2.5	1x	HDMI - VGA connectors

Connect LG monitor Power

2.2.5

Connect speaker
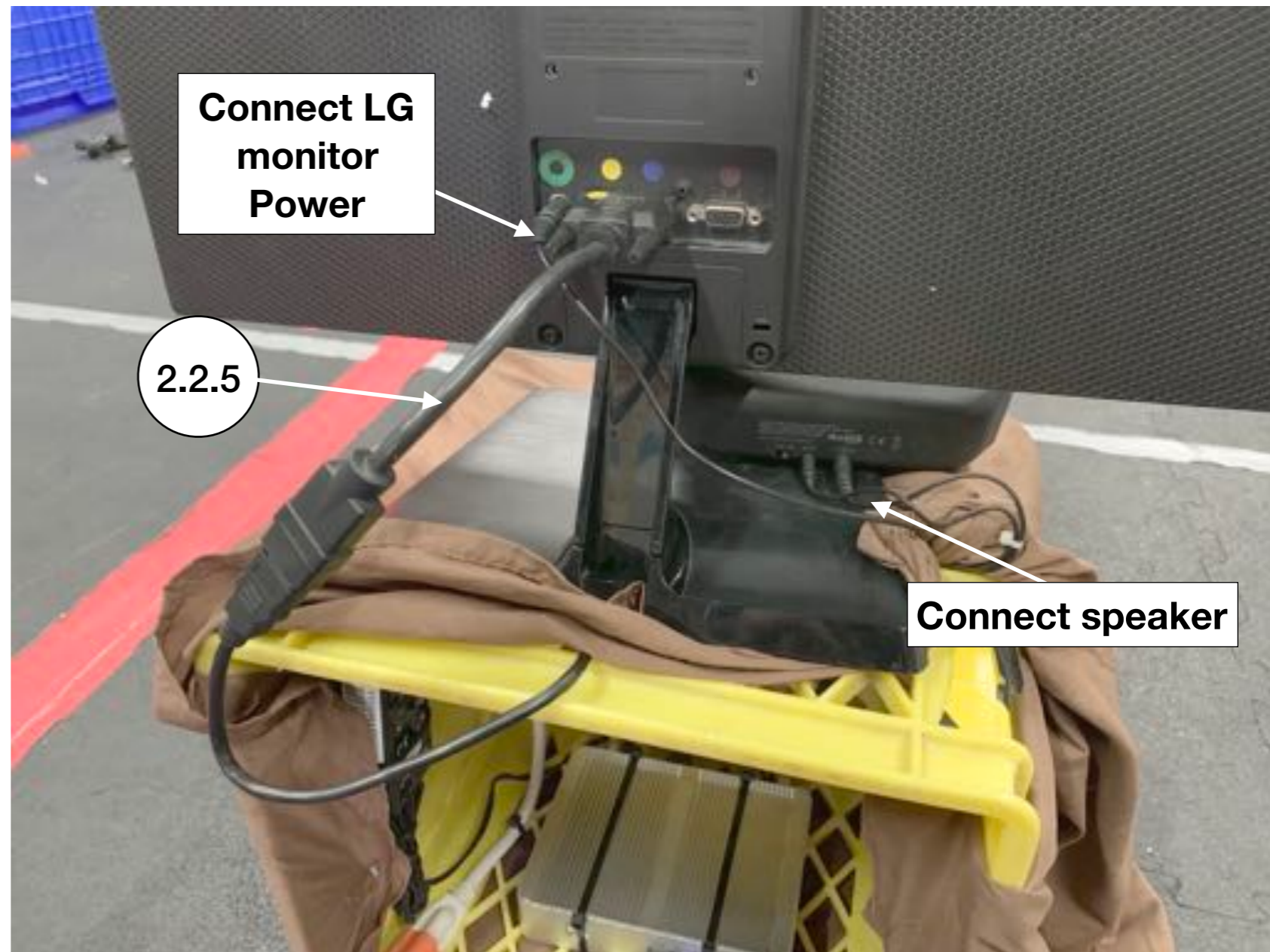
Large Monitor Set Up

No.	Quantity	Description
5	1x	Large Monitor
4.2	1x	Power Bar
2.2.9	1x	Mini computers
2.2.10	1x	Mini computer power cables
2.2.4	1x	HDMI connector

HDMI connector cable connects mini computer to Large Monitor

COMPETITION TECHNICAL HARDWARE SET UP
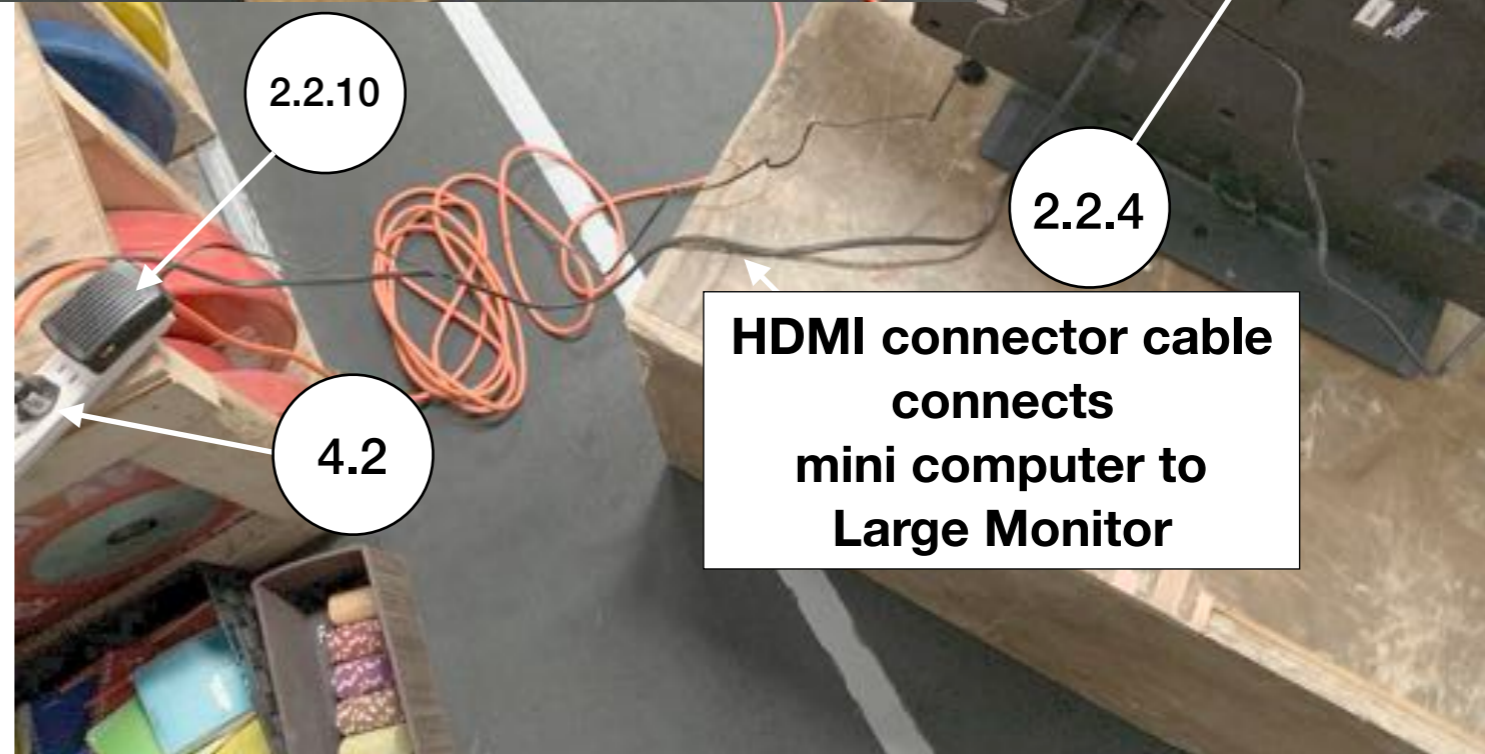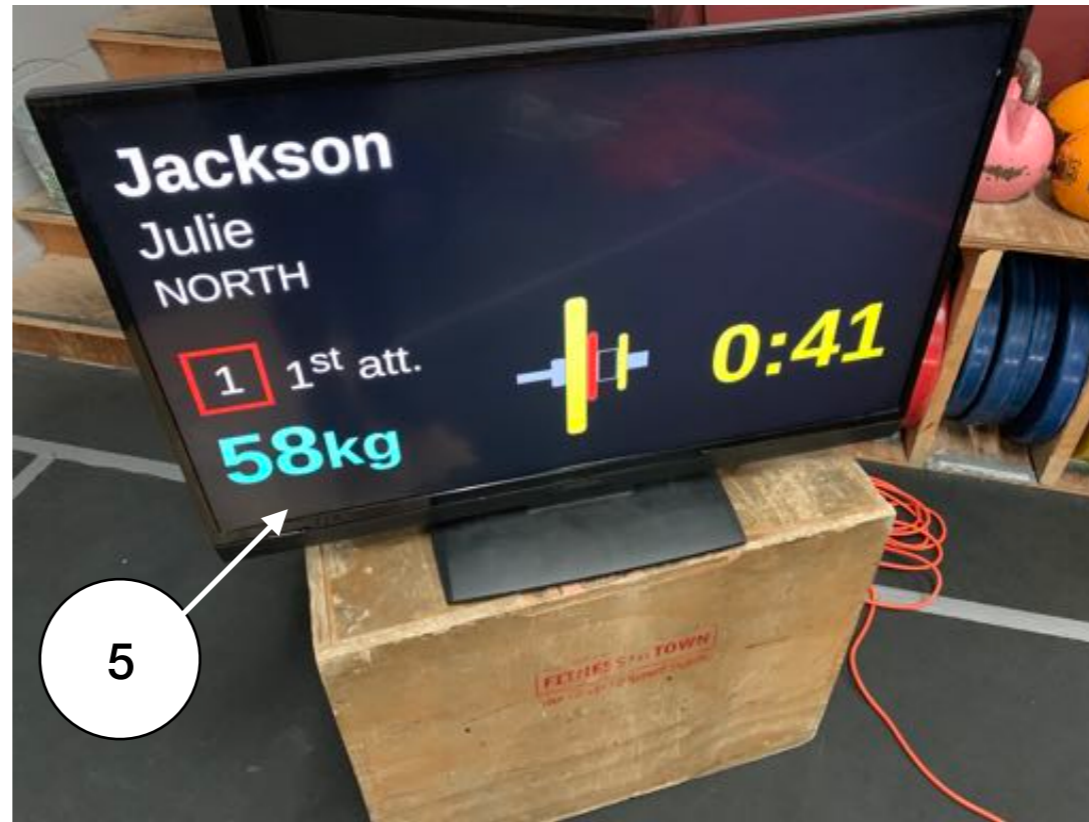
Competition Results Monitor Set Up

No.	Quantity	Description
3.2	1x	LG Monitor
3.1	1x	LG Monitor Power Adaptor
2.2.9	1x	Mini computers
2.2.10	1x	Mini computer power cable
2.2.4	1x	HMDI connector
2.2.5	1x	HDMI - VGA connectors

COMPETITION TECHNICAL HARDWARE SET UP