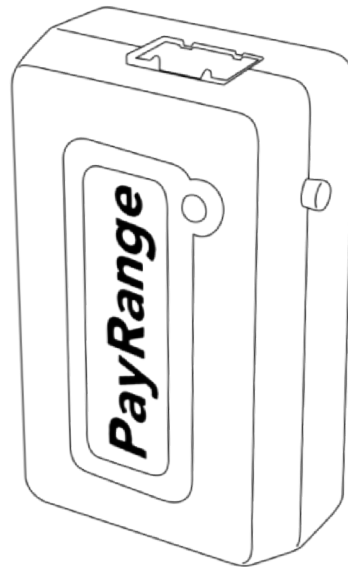# Diamond Smart Billiards Adapter Kit

Installation Guide

For BluKey™ Pro Pulse

Harness – "C10 and Adapter Board"

BluKey™ Pro Pulse

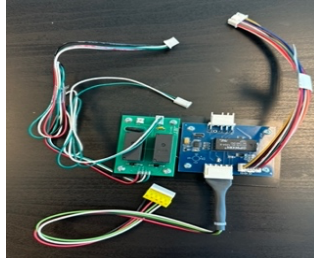Diamond Smart Billiards Adapter Kit

PayRange Billiards System

① Diamond Smart Table	② Adapter Board Kit	③ BluKey™ Pro Pulse Device
	Adapter Board & C10 Harness	

BluKey device accepts payment from PayRange mobile app.

Objective

This guide was created to help complete the following steps:

1. Install PayRange Billiards Adapter and BluKey device.
2. Register BluKey using App.
3. Test Mobile Payment

Tools Required

Smartphone with PayRange App
(Android or iOS only)

PayRange Operator Account

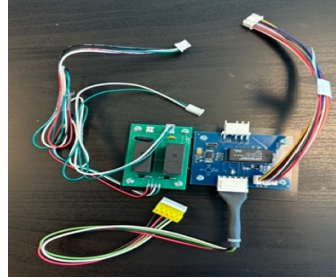Machine Service Key and/or Required
Tools for Control Panel Access

Parts Required

BluKey™ Pro	Diamond Billiards Adapter Kit
BluKey Pro Pulse	Billiards Adapter Board with C10 Harness

Supported Machines

Diamond Billiards Smart Table.

Diamond Billiards Smart Controller
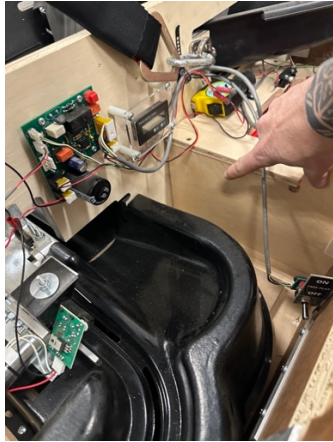
BluKey Pro Pulse Installation Steps

IMPORTANT: PayRange service requires data connection on a user's mobile device. Prior to installation, verify location has adequate cellular reception or a WIFI network that users can access.

Step 1: Prepare Machine

You will need to have access to the coin-mech and ball return panels on the side of the pool table. Once both access panels are removed you will have enough room to make the necessary connections of the PR adapter and timer system of the table.

Suggested location to mount PayRange Billiards Adapter Kit.

Step 2: Connecting 2-pin power connecter.

1. Once inside the coin-mech door, unplug the 2-pin connector (Fig. 1, labeled 1) from table's Smart Controller and plug it into 2-pin port on PayRange Adapter Board (Fig. 2, labeled A).

2. Plug 2-pin connector from PayRange Adapter Board (Fig 2, labeled B) to 2-pin port (Fig. 1, labeled 1) on table's Smart Controller.
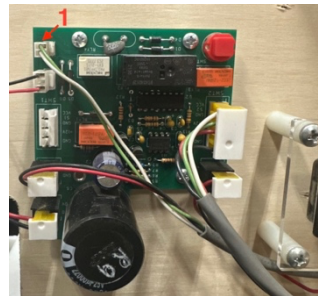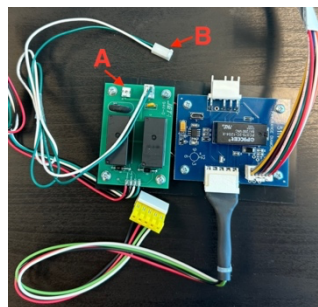

Fig. 1

Fig. 2

Step 3: Connecting the 5-pin Timer Harness

1. Unplug the 5-pin Timer harness connector (Fig. 3, labeled 2) from table's Smart Controller and plug it into 5-pin port on PayRange Adapter Board (Fig. 4, labeled C).

2. Plug 5-pin connector from PayRange Adapter Board (Fig 4, labeled D) to 5-pin port (Fig. 3, labeled 2) on table's Smart Controller.
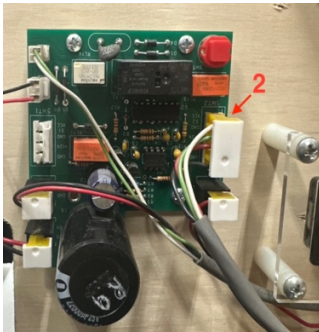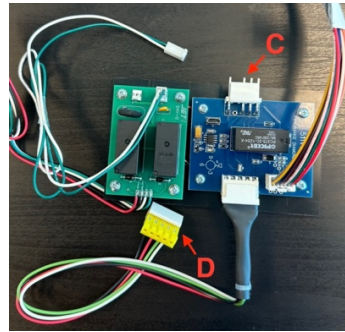

Fig. 3

Fig. 4

Step 4: Connecting the BluKey

1. Plug the 10-pin PUD harness from the PayRange Adapter board to the PayRange BluKey (Fig. 5, labeled E).

2. Connect the 12-pin PUD harness (C10 harness) to the PayRange BluKey (Fig. 5, labeled F) and the opposite end to the PayRange Adapter board (Fig. 5, labeled G).
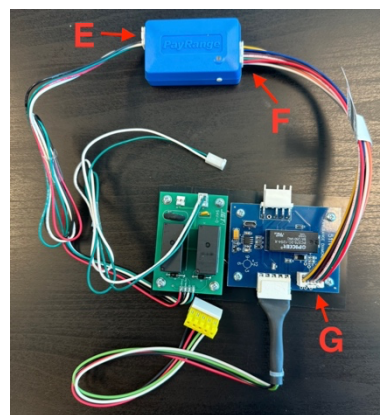

Fig. 5

Step 5: Connect Power to Assembly Board

Plug in the Micro USB cable from the external battery to the Micro USB Port (Fig. 6, labeled H) on the adapter assembly board.

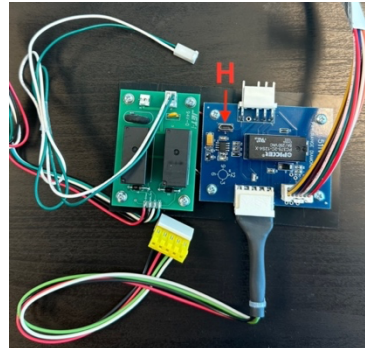**IMPORTANT:** Recommend battery: Power Bank 60000mAh High-Capacity Portable Battery

Fig. 6

Step 6: Register BluKey (See BluKey Registration Manual for instructions)

Step 7: Testing After Installation

It is critical to test each BluKey device to verify proper installation and setup.
Testing coin acceptor is also recommended, if applicable.

Contacting PayRange Support

For assistance with installing and operating your BluKey devices, please contact our support group:

Technical Support:	Sales and Marketing Support:
Phone: +1 (855) 856-6398 **Email:** ask@payrange.com	**Phone:** +1 (855) 856-6398 **Email:** sales@payrange.com
Training Channel This channel helps our growing PayRange community by providing resources for common support scenarios, account setup, installation, and setting up promotions. PayRange Training PayRange Support	Accept **socially distant payments** on any person, place, or thing Laundry Local Merchants Tips Vending Entertainment