



**Custom External Keypad**  
for Instant Replay 3 and DigiCart 5

**OPERATIONS MANUAL**

Version 1-6-2025

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# INTRODUCTION

The Custom Extended Keypad connects to an Instant Replay 3 or DigiCart 5 so that the first 20 Hot-Keys and basic transport functions are accessible from the keypad. Functions can be triggered from either the unit's panel or from the keypad independently.



## UNIT SYSTEM REQUIREMENTS

- The keypad must be connected to a free USB port on either an Instant Replay 3 or DigiCart 5
- The Instant Replay 3 or DigiCart 5 must be running software version 2.066 or higher. Please contact [support@360systems.com](mailto:support@360systems.com) for instructions on updating the software.

# SECTION 1 – Installation and Controls

## INSTALLATION

To install the Custom External Keypad, simply plug the USB cable into a free USB port on the unit.

## BASIC CONTROLS



When operational, the keypad should default to “Layer 1” providing basic transport functions and Hot-Keys 1 to 10.

Keys:

1. LAYER 1/2 – Switches between Hot-Keys 1 to 10 (Layer 1, Blue) and Hot-Keys 2 to 20 (Layer 2, Red)
2. Number Keys – Activate the associated Hot-Key depending on the current Layer.
3. PLAY – Plays the currently loaded clip.
4. STOP – Stops the currently playing clip.
5. REC – Initiates the cueing of a recording.
6. CANCEL – Cancels out of certain functions.

7. PREVIEW – Mutes the main outputs so that audio only is heard in the headphones.
8. LOOP – Loops the current clip.
9. PAUSE – Pauses the currently playing clip. Press PLAY to continue playout.
10. REW – Reverses within the currently playing clip.
11. FF – Forwards within the currently playing clip.

## APPENDIX A – Specifications

Switch Types	Full-travel rubber dome, carbon on gold contacts, guaranteed for over 1 million operations
Number of Keys	24 single keys + programming button
Actuation Force	Approx. 2.5 oz (72g) break-over, approx. 1.5 oz (42g) hold
Keycaps	0.625" (16mm) sq.; re-legendable with Cherry MX compatible stem
Key Spacing	0.75" O.C.
Optional Keys	2X1, 1X2, 2X2
Backlighting	24 blue and 24 red LEDs, individually addressable
Connector	Wired USB standard "A" plug
Cord Length	118" (3m)
Dimensions	5.8" x 3.8" x 0.94" (147mm x 97mm x 24mm)
Net Weight	10 oz. (285 g)
Programming Software	See PI Engineering website for current MacroWorks programming software

For information on reprogramming or customizing this keypad, please refer to the [X-Keys keycode assignments](#) document on the 360 Systems website.