

# Live Still Store Remote Panel

## Version 1.0

### Operation Outline

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manual version 1.1

## Application

CLR-250 is designed to enhance the operation of the Collage or Collage CG in Still Store Applications. The panel is designed to be operated in conjunction with the Collage keyboard and mouse/tablet or used completely independently. Operation modes allow for basic Still Store requirements of grabbing and recalling stills. The CLR is ideal for applications where quick, live operations are required without access to, or knowledge of, the details of the Collage Graphic user interface. Future software releases will continue to "tap" into the flexibility and power of Collage.

### REQUIREMENTS:

1. In order to use CLR-250 with Collage. You must have the "FREEZE WHILE LIVE" option. Enable this option on main menu (top-center "Fz")
2. Collage software must be version 2.82 or Higher (with CLR-250 version 1.0)
3. *Still numbering* Mode must be enabled in *Config / Disk* menu .
4. *Slideshow* mode must be enabled in *Config / Online* menu
5. *Online Grab* mode must be enabled in *Config / Online* Menu

# CLR250 PANEL LAYOUT

## Power 9VDC

Coaxial connector (center positive)

## Serial-A RS232 or RS422 Connection DB9 Female

Configured for RS232 19200 BPS remote protocol

## PCMCIA Slot

Future use for software updates and optional software options.

## 48 Key - Keyboard Layout

### Numeric

#### Clear

Clears Entry

Clears Messages

Cancel Functions

#### Del

Clears last character (backspace)

#### Status/Enter Lamp

Lamp indicates numeric entry in entry buffer

Call still to Preview (Status in ThreeWay Mode)

Enter key (context of Save, Delete, Transition, Etc)

## Function Keys (Center grouping of 12 keys)

## Macro Keys (Left grouping of 16 keys) - Calls Collage macros named CLR01 - CLR16

## Modes (Upper Left)

ALT-READY Key Acts as "Shift" key to extend other keys functionality

ALT-READY Lamp indicates Ready / Busy state of Collage

Grab Session - Activate/Deactivate Grab Stills mode

List mode - Activate/Deactivate Still List

Auto next - Activate/Deactivate Calling of next still in list or Numeric Order

## Action Keys

Take - In TwoWay mode - Transition next still to Air

Air - In ThreeWay mode - Transitions Next still to Air (from Status)

Pvw - In ThreeWay mode - Transitions Next still to PVW (from Status)

Status/Entry - call next still to Preview (TwoWay) or Status (ThreeWay)

Lamps - Indicate valid context mode of operation

(i.e. only Take will be lit in TwoWay Mode)

## Display

Brightness - Alt 1 cycles brightness (4 levels)

Layout- A (Air), P (PVW), > (Entry Prompt), Transition type and duration

## Rotary Encoder

Navigate through lists

# OPERATION MODES

## TWOWAY

In TwoWay Mode stills are called to Preview output directly (status output will follow). Stills are then transitioned with the "Take" key to Air. This is intended for 2-monitor operation Like Abekas A42.

### Display Context (left side of Display)

A indicates the current still on Air output

P indicates the current still on Preview/ Status outputs

> Is the Prompt char for Numeric Entry

### Recalling a still to preview

Keypad Entry - Enter Still Number - Hit Enter Key (lower right)

Find Next - CLR will have Collage Recall next Still numerically

Alt-Find Next - Same as above but will look beginning at StillNumber that you type into Entry Buffer

Take - Transition that current Previewed Still to Air

### Transition type

Single - Base transition type (i.e. 0=cut, 1=Fade, 8=Roll Off)

Double Digit Entry - extend above with Direction type (0=left, 1=right)

### Transition Duration

Duration of transition in Frames (0-99)

### Save

Save Still Currently on Preview output to number in Entry Buffer

### Delete

Deletes Still by number in Entry Buffer

### Alt-Save

Combined Delete / Save operation - (overwrite save)

# TWOWAY vs. THREWAY Concept

Collage has a unique mode in which there are 2 "Clean" outputs. Each output PGM and PVW are capable of being the target of a still transition. The Threeway Mode is used to preview a still on the "Lo Res" "Status" output and then decide "ON THE FLY" which output is to receive the transition of that still.

In ThreeWay Mode stills are first Recalled to the Status output. Activating the "PGM" or "PVW" key, transitions that Still to its respective Output. This is operation mode requires 3 monitors for operation.

You may Hot Change between TwoWay and ThreeWay mode, as needed, without disturbing the Program or Preview Clean outputs!

ALT-Take Enters TwoWay Mode.

Alt-Air Enters ThreeWay Mode.

## THREWAY

Display Context (left side of Display)

A indicates the current still on Air output

P indicates the current still on Preview output

S indicates the current still on Status output

> is the Prompt char for Numeric Entry

Recalling a still to preview

Keypad Entry - Enter Still Number - Hit Enter Key (lower right)

Find Next - CLR will have Collage Recall next Still numerically

Alt-Find Next - Same as above but will look beginning at StillNumber that you type into Entry Buffer

AIR - Transition the current Previewed Still to Air

PVW - Transition the current Previewed Still to PVW

# LISTS

## Display

List - 4 next stills in list (right side of Display)

List Indicator - Center of Display (i.e. LIST 3)

List Current Elements / List total Elements (i.e 4/25)

List Select Key

Press List Select, Enter List 0-9, Hit enter

Rotary Scroll Character ">" (left side of top item in list)

AutoNext "<"

indicates that the next list item will be automatically recalled to Preview /Status after each transition is complete

Alt-AutoNext

Pull (now) next Item in List to Preview Status (useful if not in auto next)

Insert Key

Insert StillNumber of Still on Preview / Status into List

Stills are inserted AFTER Top item in list display.

TIP: While building lists, it is helpful to disable "AUTO NEXT"

Alt-Insert

Insert StillNumber of Still entered into Entry Buffer into List.

The still will not be recalled and StillNumber existence is not checked at this time.

Remove

Removes top still item from list

Alt-Remove

Removes ALL Still items from current list (empty the list)

## NOTE:

Lists are saved in non-volatile memory and will be maintained if power is removed from panel.

## Auto Next Mode

Auto Next is a option that recalls the next still in list or numeric order.

If List mode is enabled - The next item is recalled after the transition is complete.

If List mode is Disable - Preview / Status field will attempt to search Collage for the next available StillNumber.

TIP: This can take a while if there is a large numeric gap in stills.

You may cancel the search by hitting the "CLEAR" key.

## Grab Session

Grabbing still from incoming Video / Key.

Freeze KEY - Freeze / Live incoming video

Field Frame KEY - cycle between Frame/Field 1 / Field 2 / Average

All Save / Delete commands work in This Mode of operation

Recalled stills go directly to Air output in This Mode of operation

### NOTE:

At this time, Input D1,RGB,YUV selection must be set in Collage menus before taking control from CLR-250. Additionally, RGB, RGBK, of K mode must also be set before acquiring control from panel. This setting determines whether Collage Grabs Video only, Video With Key, or Key only. In future versions this will be indicated, set and changeable from Panel interface.

## ALT-KEYS - DEFINITIONS

ALT-AutoNext	Pull Current still from top of list to Preview / Status
ALT-SAVE	overwrite StillNumber as entered in Entry Buffer
ALT-Insert	Insert StillNumber as specified from Entry Buffer into list
ALT-Remove	Remove all stills from list
ALT-Find Next	Searches for next available still - in SAVE mode finds next open Still Number
ALT-Take	Enter TwoWay Mode
ALT-AIR	Enter ThreeWay Mode
Alt-1	Cycle Through 3 Display Brightness levels
Alt-2	Toggle Beeper "Click" on/off
ALT-3	List Reset on/off - when Reset is on, List enabled/disable re-cues list to top

# QUICK

Quick! I want to call up a still. Nothing fancy, just call up a still!

Setup panel for the most basic operation:

Grab session Disabled (lamp off)

List Mode Disabled (lamp off)

Auto Next Enabled (lamp on)

Set TwoWay Mode Press ALT-TAKE (Take Lamp should On)

1. Type in a Still number
2. Press Status/Enter Key - Still is recalled to preview
3. Press Take - Still is transitioned to Air

# CLR-250 Effect Transition Types

#	Transition	Abbr.
0	Cut	CUT
1	Dissolve	DIS
2	Reveal(Wipe)	RVL
3	Push	PSH
4	Slide Off	SOF
5	Slide On	SON
6	Box Wipe	BOX
7	Page Roll Off	ROF
8	Page Roll On	RON

## 2<sup>nd</sup> Digit Transition Modifiers

#	Direction
0	Left
1	Right
2	Up
3	Down

## Examples

83	Page Roll ON Down
21	Reveal Wipe Right
32	Push Up