Synopsys:

In order to configure the remote control units it is important to understand the components in the system. Each remote control unit communicates with a RF Receiver. One RF Receiver can receive the signals from multiple Remote Control Units. In order for the system to identify the RC, each RC has a unique ID. The RFID.

The RF Receivers are connected to the system through a TCP/IP-serial bridge. Usually the GlobaCache device, so in the system we need to configure the receiver with an IP address and a port (4999).

The Remote Control units need to be programmed using the URC configuration software so that every key press transmits the code we have defined. The URC program is Windows only so it must be access from a Windows computer or a Mac with a Virtual Machine running a Windows session.

Device ID Device Type button ID RC button

Device ID	Device Type
0	Remote Function
1	TV
2	CABLE
3	DVD
4	DVR
5	SAT
6	VCR
7	AUDIO
8	M_PLAY
9	CD_PLAY
10	AUDIO_DEST
11	TV1
12	TV2
13	TV3
14	TV4
15	TV5
16	RCVR1
17	RCVR2
18	RCVR3
19	RCVR4
20	RCVR5
100	OutBox-R8
101	SAT1
102	SAT2
103	SAT3
104	SAT4

105	SAT5
106	DVD1
107	DVD2
108	DVD3
109	DVD4
110	DVD5
111	CABLE1
112	CABLE2
113	CABLE3
114	CABLE4
115	CABLE5
201	AUX201
...	...
254	AUX254

Each device has up to 156 buttons assigned as follows.

Button ID	RC Button
0	Power Off
1	Power On
2	Power Toggle
3	
4	Channel Up
5	Channel Down
6	Channel Previous
7	
8	Volume Mute
9	Volume Up
10	Volume Down
101	Playback Play
102	Playback Stop
103	Playback Pause
104	Playlist Next
105	Playlist Previous
106	Playback Forward
107	Playback Reverse
110	Digit 0
111	Digit 1
112	Digit 2
113	Digit 3
114	Digit 4
115	Digit 5
116	Digit 6

117	Digit 7
118	Digit 8
119	Digit 9
120	Enter
121	Clear
122	Channel Up
123	Channel Down
124	Channel Prev.
131	Up
132	Down
133	Left
134	Right
135	Select
136	Menu
137	Title
138	Info
139	Exit/Return
140	Red
141	Green
142	Blue
143	Yellow
144	Page Up
145	Page Down
146	Settings Menu
147	Aspect Toggle
150	Power Toggle
151	Pop-up Menu
152	Guide
153	
154	Next Day
155	Prev Day

Also each Remote needs to be configured with its unique RFID. This RFID is a mandatory parameter in the ClareFusion configuration. When creating devices in ClareFusion, the configuration technician will need to add devices from "User Interface - RC controller and RF Remote Control".