

MRC88m *QuickConfig* Quick Start Guide

(Revision 6, August 25, 2009)

This document describes how to configure a MRC88m system **without** the use of *Universal Dragon*.

Requirements

- MRC88 keypad, **OR** SPLCD configured as SPLCD_MRC_KP with firmware version 2.14 (or higher), plugged into zone 1.
 - No other keypad should be connected in Zone 1 during configuration.
- MRC88m firmware, version 1.21, or higher.
- All Xantech sources controlled via RS232 only!

What you will end up with:

- All zones programmed identically.
- Full meta-data support for all Xantech sources in the system.
- Power management of all Xantech sources and any other sources as desired (including either video or sense input detection).
- Support for one (1) RS2321X8 router, connected to the COM port.
 - Unused system port(s) configured at 19200 baud rate for system control.
- Direct support for the Xantech HD88C or HD88CC5 High-Def video switcher via RS232 control.
- Direct support for the PA435X or PA4100X for amplification in zones 7 & 8.

How to enter the *QuickConfig* mode:

1. Power OFF the MRC88m
 2. Plug a single MRC88 keypad or SPLCD_MRC_KP (with firmware 2.14 or higher) into the Zone 1 connector on the back of the MRC88m.
 3. Slide the “PROTECT” switch on the front of the MRC88m (behind the programming access door) to the “OFF” position.
 4. Power up the MRC88m and allow it to boot up completely.

 5. On the MRC88 keypad, Hold down the “STATUS” button and press the “POWER” button (while still holding down the “STATUS” button.
- OR**
6. On the SPLCD_MRC_KP, touch the upper right corner of the screen and hold for at least 10 seconds.

 7. You should now see the messages “Starting” and “Please Wait...” on the keypad display. It takes about 15 seconds for the system to prepare itself for the *QuickConfig* mode (or much less if you are using a SPLCD_MRC_KP!).

Navigating QuickConfig:

1. Using *QuickConfig* is straight-forward; simply follow the on-screen instructions.
2. Navigation is done using the lower four source buttons only. All other buttons on the keypad are ignored. The labels for these buttons will change to reflect the required user action. On the SPLCD-MRC-KP, the icon itself is the button, simply touch the desired icon.
3. When you are finished, the system will save your settings and configure the MRC88m using the information you supplied

Finished using QuickConfig? Don't forget to restore the "PROTECT" Switch!

When you are happy with the results of *QuickConfig*, and the MRC88m is working satisfactorily, don't forget to restore the "PROTECT" switch on the front panel of the MRC88m to the "ON" position and then cycle power on the MRC88m.

This will protect the system from a user accidentally activating *QuickConfig*.

A Word about Expansion:

When you are configuring an Expanded system, do all the configuring on the Primary unit.

When you are finished, the software will instruct you to configure the second unit as a Secondary. You do this by activating *QuickConfig* on the second unit just as you did on the first unit.

At this point, make sure that the two units are connected correctly using the Expansion cable.

When you get to the step asking to Enable Expansion, answer YES. Then select the Secondary Option. At this point the two units will sync up and the Primary unit will send all the necessary data to the Secondary unit.

Note that if you are using an HD88 for Hi-Def video switching on an expanded system, you must also have two HD88's hooked up in expansion mode.

Miscellaneous RS232 Info:

XIS100 serial settings: 57600 baud

XMusic & XMusic W+ serial settings: 38400 baud, 7 data bits

Unassigned System Port(s) serial settings: 19200 baud, 8 data bits, no parity

Cabling Requirements:

RS2321x8 Router:

Female/Male, Straight Through

XIS100:

Male/Male, NULL Modem

XT1:

Female/Male, Straight Through

XMusic w+:

Female/Male, Straight Through

XDT:

Male /Male, NULL Modem

iPort:

Male/Male, NULL Modem

MRC88m Keypad Button Mappings:

XIS100:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Next Track	Up Letter
CH-	Prev Track	Down Letter
Up /Pause	Up Arrow	Pause
Left/Rew	Left Arrow	Rewind
Right/FF	Right Arrow	Fast Forward
Select/Play	Select	Play
Down/Stop	Down Arrow	
Pg 2 – Src 1	Up Letter	
Pg 2 – Src 2	Rewind	
Pg 2 – Src 3	Fast Forward	
Pg 2 – Src 4	Menu Top	
Pg 2 – Src 5	Down Letter	
Pg 2 – Src 6	Repeat	
Pg 2 – Src 7	Shuffle	
Pg 2 – Src 8	Home Page	

XMusic & XMusic w+:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Next Track	Up 25
CH-	Prev Track	Down 25
Up /Pause	Up Arrow	Pause
Left/Rew	Left Arrow	Rewind
Right/FF	Right Arrow	Fast Forward
Select/Play	Select	Play
Down/Stop	Down Arrow	Stop
Pg 2 – Src 1	Up 25	
Pg 2 – Src 2	Rewind	
Pg 2 – Src 3	Fast Forward	
Pg 2 – Src 4	Menu Top	
Pg 2 – Src 5	Down 25	
Pg 2 – Src 6	Repeat	
Pg 2 – Src 7	Shuffle	
Pg 2 – Src 8	Home Page	

XT1:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Preset Up	Preset 05
CH-	Preset Down	Preset 06
Up /Pause	Seek Up	Preset 01
Left/Rew	AM	Preset 04
Right/FF	FM	Preset 02
Select/Play		Preset 07
Down/Stop	Seek Down	Preset 03
Pg 2 – Src 1	AM	
Pg 2 – Src 2	Preset 01	
Pg 2 – Src 3	Preset 02	
Pg 2 – Src 4	Preset 03	
Pg 2 – Src 5	FM	
Pg 2 – Src 6	Preset 04	
Pg 2 – Src 7	Preset 05	
Pg 2 – Src 8	Home Page	

XT1:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Preset Up	Preset 05
CH-	Preset Down	Preset 06
Up /Pause	Freq Up	Preset 01
Left/Rew	AM	Preset 04
Right/FF	FM	Preset 02
Select/Play		Preset 07
Down/Stop	Freq Down	Preset 03
Pg 2 – Src 1	Preset 01	
Pg 2 – Src 2	Preset 02	
Pg 2 – Src 3	Preset 03	
Pg 2 – Src 4	Preset 04	
Pg 2 – Src 5	Preset 05	
Pg 2 – Src 6	Preset 06	
Pg 2 – Src 7	Preset 07	
Pg 2 – Src 8	Home Page	

iPort:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Next Track	Up 25
CH-	Prev Track	Down 25
Up /Pause	Up Arrow	Pause
Left/Rew	Left Arrow	Rewind
Right/FF	Right Arrow	Fast Forward
Select/Play	Select	Play
Down/Stop	Down Arrow	Stop
Pg 2 – Src 1	Up 25	
Pg 2 – Src 2	Rewind	
Pg 2 – Src 3	Fast Forward	
Pg 2 – Src 4	Menu Top	
Pg 2 – Src 5	Down 25	
Pg 2 – Src 6	Repeat	
Pg 2 – Src 7	Shuffle	
Pg 2 – Src 8	Home Page	

DVD, Video Accessory, Laser Disc/BluRay, Amplifier, CD:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Skip Fwd	Device Menu
CH-	Skip Reverse	Source Menu
Up /Pause	Cursor Up	Pause
Left/Rew	Cursor Left	Rewind
Right/FF	Cursor Right	Fast Forward
Select/Play	Select	Play
Down/Stop	Cursor Down	Stop
Pg 2 – Src 1	Pause	
Pg 2 – Src 2	Play	
Pg 2 – Src 3	Stop	
Pg 2 – Src 4	Source Menu	
Pg 2 – Src 5	Fast Forward	
Pg 2 – Src 6	Rewind	
Pg 2 – Src 7	Device Menu	
Pg 2 – Src 8	Home Page	

VCR, Home Controller:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Channel Up	Device Menu
CH-	Channel Down	Source Menu
Up /Pause	Cursor Up	Pause
Left/Rew	Cursor Left	Rewind
Right/FF	Cursor Right	Fast Forward
Select/Play	Select	Play
Down/Stop	Cursor Down	Stop
Pg 2 – Src 1	Pause	
Pg 2 – Src 2	Play	
Pg 2 – Src 3	Stop	
Pg 2 – Src 4	Record	
Pg 2 – Src 5	Fast Forward	
Pg 2 – Src 6	Rewind	
Pg 2 – Src 7	Device Menu	
Pg 2 – Src 8	Home Page	

TV Tuner, Cable Box, Satellite TV Receiver:

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Channel Up	
CH-	Channel Down	
Up /Pause	Cursor Up	
Left/Rew	Cursor Left	
Right/FF	Cursor Right	
Select/Play	Select	Device Menu
Down/Stop	Cursor Down	

Receiver/Tuner (Radio):

<u>Button</u>	<u>Press & Release</u>	<u>Press & Hold</u>
CH+	Preset Up	
CH-	Preset Down	
Up /Pause	Skip Up	
Left/Rew	Adjust Down	
Right/FF	Adjust Up	
Select/Play	AM/FM	
Down/Stop	Skip Down	