

MM14B User guide.

MM14B App Setup -

The MM14B is a 4-Control, 4-Bank iOS App for Bose® ESP and PM8500 systems. One combination of Control and Bank is on-screen at any time. MM14B is a universal iPhone / iPad App.

MM14B setup assumes familiarity with the Bose® CSD tool and with CC-64 configuration.

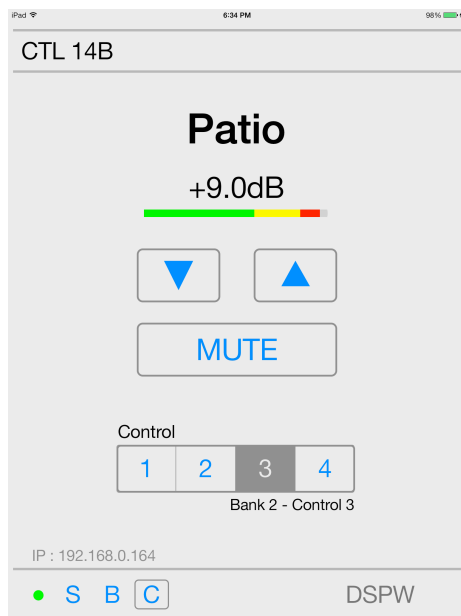
Set up network.

1. Configure the network attached to your ESP unit to have Wi-Fi. The MM14B communicates via WiFi only.
2. Configure your iOS device to work with your Wi-Fi network. Consider using a fixed IP.
3. Launch the MM14B App. It will display your iOS device MAC and IP number. If using DHCP then this IP number was assigned by your router. If you set up a fixed IP number on your iOS device then the fixed IP number will be displayed.

Using CSD configure the MM14B just as you would a Bose® CC-64 wired control. Since MM14B has only one Control, you must select which CC-64 Control you wish to display in each Bank.

1. In CSD copy/paste your existing CC-64 control or create a new CC-64 control.
2. Set the CSD CC-64 control IP address to the one that is displayed on the CTL 44B App when it is launched (step 3).
3. Configure your new CC-64 control as is needed for your install.
4. Make sure that the MM14B App is running and displayed on you iOS device.
5. Up-load the new CSD configuration to your ESP unit. You should see your iOS device listed in the CSD Scan.
6. With the MM14B App running, power cycle the ESP unit.
7. Use your MM14B App.

Screen Shot of MM14B App running on an iPad Air.



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MM14B App UI fields.

Title area – Set up by CSD using Selector methods.

1 Control Titles , 1 Control Values

1 Green/Yellow/Red progress bars that indicate Gain or Mute status (orange).

1 Mute or Set buttons. Depends on CSD configuration.

1 UP / Down Buttons.- Single tap for increment / decrement. Hold down for continuous update.

IP number display

Selector “S” , Bank “B” , Control “C” buttons – Displays if Selector, Bank switch or Control switch is being used.

Status LED - Since the CTL44B is running on a Mobile or Portable device, it is possible to walk out of range of your Wi-Fi network. There is an indicator in the Lower Left Corner of the UI that indicates Green if in range and communication to ESP is established. Yellow indicates a dropped network message. RED indicates a loss of connection.

MM14B App Settings -

Background color. - 4 shades of gray.

Network Timers -

1. Status update rate. - rate at which update polling occurs.
2. Message timeout. – Time allowed for message response before indicating a dropped message.

Default control setup.

1. Bank – Default bank to be displayed at startup.
2. Control – Default control to be displayed at startup.
3. Number of banks. – Changes the number of banks available for selection.

Screen Settings –

1. Show IP Number – On/Off to Enable/Disable IP number display.
2. Backlight enable - On/Off to Enable/Disable CSD Backlight.
3. Volume control enable. - On/Off to Enable/Disable Volume and Mute controls.

MM14B More information -

Contact DSP Wireless Inc. at www.dspwi.com