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### **MSC-2R (AudioReQuest) Version 1.01 Switch Settings/Setup Instructions**

The MSC-2R is placed between the ADA Bus (on the wire harness) and the RS-232 control port of the AudioReQuest. The MSC-2R will work with all current versions of AudioReQuest servers (this is subject to change without notice). The MSC-2R *will only work with ADA systems running at 19200 baud* (the MSC-2R12 is for 1200 baud systems). Make sure that your version of the AudioReQuest is updated to the most current version in order to take advantage of all the features in the unit. When using one of AudioReQuest F.Series units, setting the MSC-2R switches to **EI** (extended information) will result in more information fed into the MSC-2R from the AudioReQuest unit.

When connecting the MSC-2R the first time please make sure the AudioReQuest unit is fully powered up and idle (not playing) then:

- 1) Connect the straight through RS-232 cable from the AudioReQuest unit to the MSC-2R.
- 2) Connect the ADA Bus cable on the MSC-2R to the ADA Bus connector on the wire harness to power the unit.
- 3) If you are using an outboard 12v DC power supply then do the same as above (connect the power last).

For all switch settings as listed below **ON** is up and **OFF** is down.

Dipswitches **1** through **3** define the settings for the type of AudioReQuest unit being used:

<b>Modes and AudioReQuest Unit Setting Options</b>	<b>AudioReQuest Baud Rate</b>	<b>ADA Bus Baud Rate</b>	<b>Switch 1</b>	<b>Switch 2</b>	<b>Switch 3</b>
MSC-2R (N.Series, Z.Series, Tera)	9600	19200	OFF	OFF	OFF
MSC-2R-Single Zone	57600	19200	OFF	OFF	ON
MSC-2R-Single Zone (F.Series, S.Series)	57600	19200	OFF	ON	OFF
MSC-2R Dual Zone (F.Series, S.Series)	57600	19200	OFF	ON	ON
MSC-2R Quad Zone (F.Series, S.Series)	57600	19200	ON	OFF	OFF
MSC-2R-Single Zone (F.Series, S.Series)	57600	19200 + <b>EI</b>	ON	OFF	ON
MSC-2R Dual Zone (F.Series, S.Series)	57600	19200 + <b>EI</b>	ON	ON	OFF
MSC-2R Quad Zone (F.Series, S.Series)	57600	19200 + <b>EI</b>	ON	ON	ON

**EI = Extended Information**

Dipswitches **4** through **6** define the Special CD Address:

<b>Special CD Address for Emulation/Single Zone</b>	<b>Dual Zone Addresses</b>	<b>Quad Zone Addresses</b>	<b>Switch 4</b>	<b>Switch 5</b>	<b>Switch 6</b>
Special CD 1	CD1 + CD2	CD1+CD2+CD3+CD4	OFF	OFF	OFF
Special CD 2	CD2 + CD3	CD2+CD3+CD4+CD5	OFF	OFF	ON
Special CD 3	CD3 + CD4	CD3+CD4+CD5+CD6	OFF	ON	OFF
Special CD 4	CD4 + CD5	CD4+CD5+CD6+CD7	OFF	ON	ON
Special CD 5	CD5 + CD6	CD5+CD6+CD7+CD8	ON	OFF	OFF
Special CD 6 *	CD6 + CD7	CD9+CD10+CD11+CD12	ON	OFF	ON
Special CD 7 *	CD7 + CD8	CD13+CD14+CD15+CD16	ON	ON	OFF
Special CD 8 *	CD9 + CD10	CD17+CD18+CD19+CD20	ON	ON	ON

\* = **These settings should only be used if the MSC-2R is being controlled by touchscreens**

Switch **7** has no function.

Switch **8** is for power:

<b>MSC Power</b>	<b>Switch 8</b>
ADA Bus and/or Side Connector	ON
Side Connector Only	OFF