

Manufacturer:	ELAN
Model Number(s):	XM-R3 Tuner
Comments:	
Document Revision Date:	04/25/2008

OVERVIEW AND SUPPORTED FEATURES

The XMR3 is a triple XM tuner capable of playing three separate XM stations at the same time.

The tuner includes an RS-232 connection which is used to connect to the **OneHome** system and provide communications, enabling reliable two-way control.

THE TUNER SUPPORTS THE FOLLOWING FEATURES:

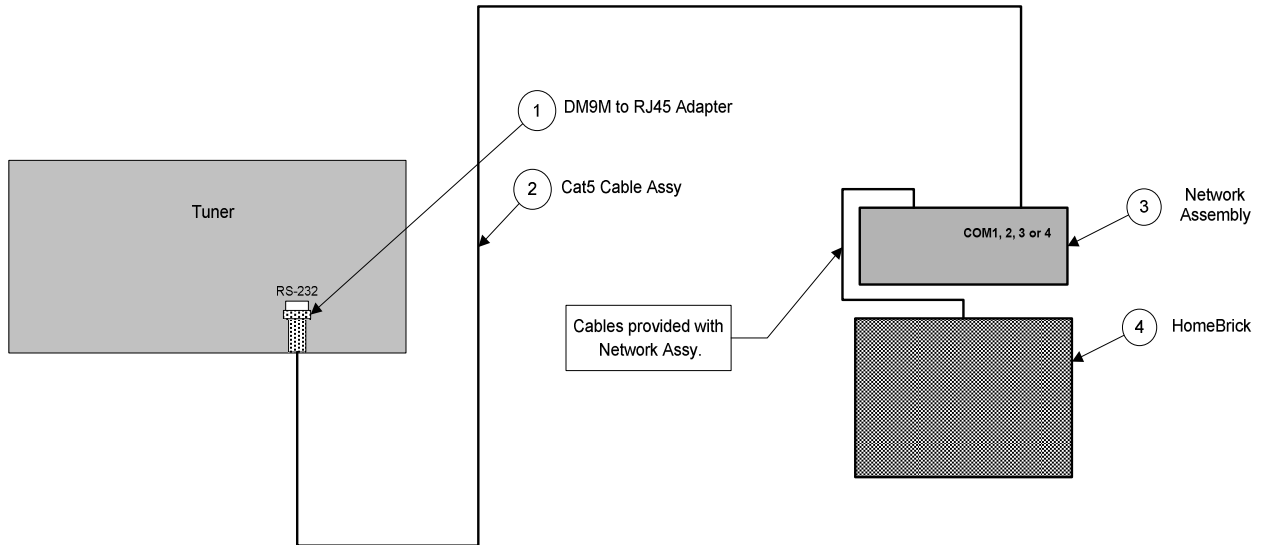
Basic Tuning Control: Arbitrary station selection, seek up/down, station presets.

Built-In OneHome Interface: The built-in OneHome XM tuner interface is automatically enabled.

INSTALLATION OVERVIEW

1. During the rough-in phase install the necessary power and A/V cabling for the tuner.
2. Also during the rough-in phase, run a Cat5 wire from the location of the tuner back to the Network Assembly of the **OneHome** system to provide the serial connection needed to control the tuner. Refer to the **RS-232 Connection Options** Integration Note for other serial connection options.
3. Install the tuner and other home audio or theater components.
4. Test the tuner with the audio / video equipment to ensure that the stations tune and play correctly.
5. Connect the **OneHome** system to the tuner electrically. See the connection diagram for more information.
6. Configure the **OneHome** system for the tuner and confirm communication between the tuner and the **HomeBrick**.
7. Test the system by changing stations from the Viewer interface.

CONNECTION DIAGRAMS



BILL OF MATERIALS

#	Device	Manufacturer	Part Number	Protocol	Connector Type	Notes
1	DB9M to RJ45 Adapter	HomeLogic	HA-CB-307	RS-232	DB-9 Male X RJ-45 Female	
2	Cat5 Cable Assy.	Installer	N/A	RS-232	RJ-45 Male X Wire	
3	Network Assembly	HomeLogic	HW-NA-18X4	RS-232	RJ-45 Female X DB-9 Female / USB	
4	HomeBrick	HomeLogic	HW-HB-1080	RS-232	DB9 Male / USB	

HOMELOGIC CONFIGURATION DETAILS

The following table provides settings used in the HomeLogic Configurator. Please refer to the Configurator Reference Guide for more details.

- “<Select>” Select the appropriate item from the list (or drop-down) in the Configurator.
- “<User Defined>”, etc. Type in the desired name for the item.

Devices	Variable Name	Setting	Comments
Communication Devices	Name	<User Defined> (Default: Elan XM-R3 XM Tuner)	
	Type	Serial Port	
	Communication Type	ELAN XM-R3 Tuner	
	Location	<User Defined> (Not Required)	
	COM Port	<Select>	
Audio Tuners	Name	<User Defined> (Default: Elan XM-R3 Tuner)	Add Tuner 1
	Device Type	Elan XM-R3 Tuner	
	Location	<User Defined> (Not Required)	
	COM Device	<Select> (Default: Elan XM-R3 Tuner)	
	Tuner ID	1	Tuner ID is set to 1 for Tuner 1
Audio Tuners	Name	<User Defined> (Default: Elan XM-R3 Tuner)	Add Tuner 2
	Device Type	Elan XM-R3 Tuner	
	Location	<User Defined> (Not Required)	
	COM Device	<Select> (Default: Elan XM-R3 Tuner)	
	Tuner ID	2	Tuner ID is set to 2 for Tuner 2
Audio Tuners	Name	<User Defined> (Default: Elan XM-R3 Tuner)	Add Tuner 2
	Device Type	Elan XM-R3 Tuner	
	Location	<User Defined> (Not Required)	
	COM Device	<Select> (Default: Elan XM-R3 Tuner)	
	Tuner ID	3	Tuner ID is set to 3 for Tuner 3
<Audio Zone Controllers>	Add an Audio Zone Controller: refer to the Integration Note for your particular receiver or zone controller. (See Note 1)		

Notes:

1. You must add an Audio Zone Controller to get a tab in the Viewer interface.
 For compatible receivers and zone controllers, refer to the Integration Note for the particular system.
 For a single zone where the DVD player is connected to a basic amp, refer to the **Single Zone Audio** Integration Note.

COMMON MISTAKES