

## 1 ANTENNAS

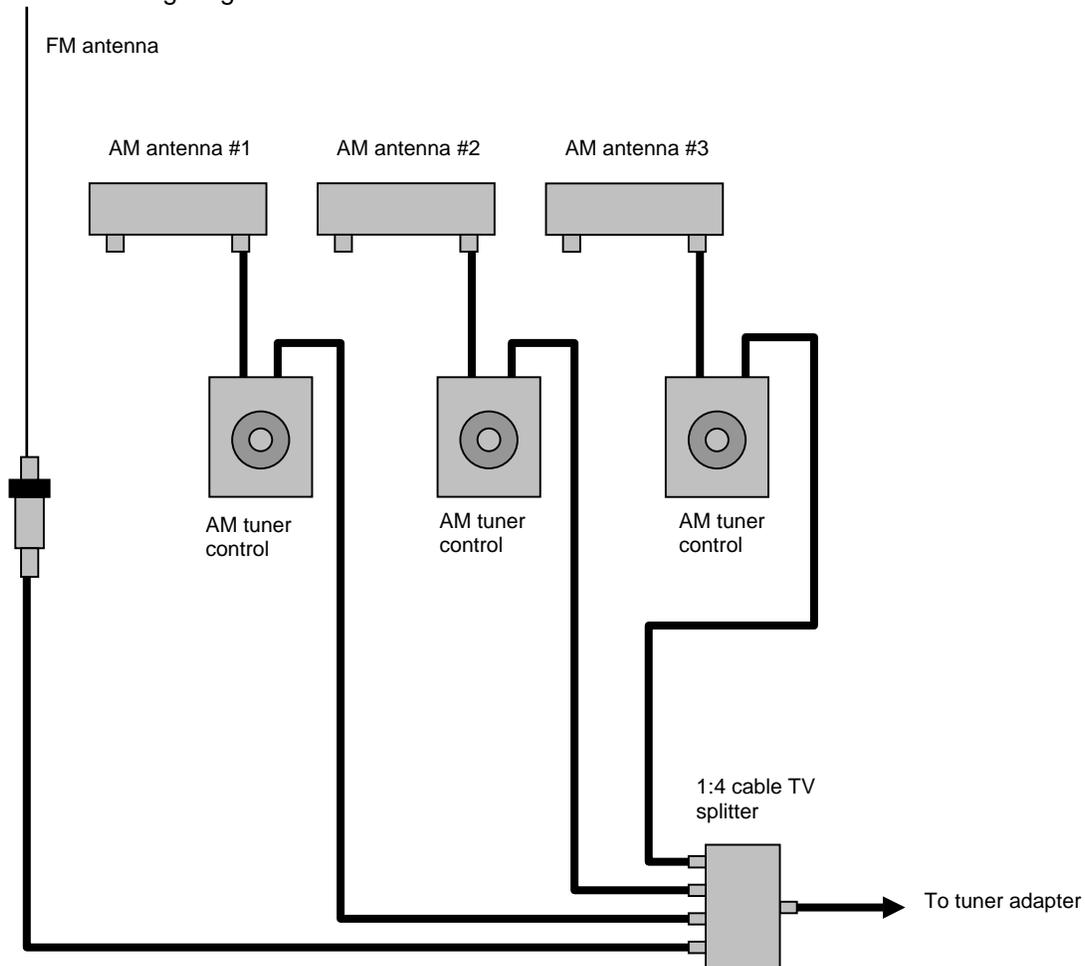
AudioScience has tested and can recommend the following antenna configuration for use with the ASI8700 and ASI8900 series adapters.

The configuration is made up of an omni-directional FM whip antenna, plus multiple ferrite stick antennas, each oriented and tuned to pick up a particular AM station. The antenna's signals are mixed using a common 75-ohm cable TV splitter, which we have found has the necessary low end bandwidth to pass AM signals.

The FM antenna is made by Fanfare (<http://www.fanfarefm.com>) and is part number FM-2G. Besides FM stations, this antenna will also pickup strong AM stations.

The AM antenna is made by C.Crane (<http://www.ccrane.com>) and is part number TCA. This antenna has a tuning control that allows you to tune into a particular station using a dial on the front of the control.

The following diagram shows how three AM and the one FM antennas would be wired.



**Figure 1. Four antennas, three AM and one FM, wired together.**

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