

**DO NOT OPEN** the inner case or **MODIFY** the transmitter!  
This will void the warranty and may cause your unit  
to operate out of FCC compliance.

## User Guide to Landmark Audio FM-720 Enhanced ALD Transmitter



**Installation and User Information**  
**Landmark Audio Technology FM350**  
**518-426-0171 FCC warning:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**DO NOT Alter the antenna**  
**as damage may result!**

**PICKING A CHANNEL**

Before switching on the transmitter, you will want to conduct a personal frequency search. Using the Landmark Radio Orpheus ALD receiver , start listening at 72.1 MHZ. Listen for any activity on the channels as you scan upwards toward higher frequencies. Compare unused frequencies with the chart at the bottom of this page. When you find a match, set the trasnmitter to the code 0-F that corresponds to the frequency you located. Once you find a good channel, you usually do not need to change it. It is important that your make sure you are not going to set your transmitter to a channel that is already in use, since this can cause interference to other listeners within range. **The switch just to the left selects Stereo operation when set to "9" - setting it to "8" opts for MONO operation. No other setting is valid for the FM-720**

**BEFORE GOING ON THE AIR**

The most important step is choosing your channel. **Operating without a license still obligates you to refrain from causing interference. And to do that - you must transmit on a frequency that is not in use locally.** **In spite of the Part 15 license free status of the FM 720 , you are still bound by numerous aspects of Federal Communications law. The most important is to not knowingly cause interference, and to cease transmission promptly if notified, should you be inadvertantly causing a problem with your transmission. And it's also the courteous way to share FM spectrum.**



0 =72.1	
1 =72.2	Frequency versus
2 =72.3	
3 =72.4	RIGHT HAND switch
4 =72.5	
5 =72.6	Channel code number
6 =72.7	
7 =72.8	Frequency in MHZ
8 =72.9	
9 =75.3	
A =75.4	
B =75.5	
C =75.6	
D =75.7	
E =75.8	
F =75.9	

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**Please do not plug in the transmitter until you have preset the channel you intend to use! Please set the switches carefully so as to be SURE of the channel you will occupy.**

**Antenna Placement: For best coverage, spread antenna wires in opposite directions. Do not make alterations to the attached antenna conductors.**

**SETTING MODULATION:**

There are volume controls for adjusting modulation. For most uses 12 o'clock is ideal.

For most channel settings and audio sources, the 12 o'clock or 50% setting is the right place to start. This is checked at the factory. However there is a slight variation in volume sensitivity that is based on the frequency you transmit on, and how loud your source is. Increase or decrease the volume to achieve consistent loudness and quality sound. You should avoid trying to sound TOO loud , as this can cause over modulation and distortion.The easy way to tell if your modulation is too high is to watch out for "splashy" or over-emphasized "S" sounds and sounds of distorted audio on volume peaks. While your transmitter performs well on all channels, each unit is factory adjusted for peak modulation quality in the center of its operating band.