

# **Xiamen Puxing Electronics Science & Technology Co., Ltd**

## **Unity Extended Frequency Range - Contiguous Frequency Listing**

**DATE: 2016-02-19**

**FCC ID: AUJPXDXZMD720V**

**Model: MD720**

Dear Sir/Madam,

This equipment meets the requirements of the FCC Rules, Parts 90.203(e) and (g), as applicable.

Programming of this products transmit frequencies can be performed ONLY by the manufacturer or by service or by maintenance personal.

The operator can not program transmit frequencies using the equipment's external operation controls.

The **MD720** use Digital modulation, modulation type is 4FSK, channel separation is 12.5 KHz, using lowest data rate 9.6kbps, equal with twice 6.25 KHz channel bandwidth, the minimum data rate is  $9.6/2=4.8$ kbps; meets FCC Part 90.203j(5) requirements.

According to 90.203(j)(1), The device is capable of operating on the nationwide public safety interoperability calling channel which is 155.7525 MHz and fulfil the requirement as below:

90.20(d)(27). This frequency will be assigned with an authorized bandwidth not to exceed 11.25 kHz.

90.20(d)(80). After December 7, 2000 this frequency is available primarily for public safety interoperability only communications. Stations licensed prior to December 7, 2000 may continue to use this frequency on a co-primary basis until January 1, 2005. After January 1, 2005, all operations will be secondary to co-channel interoperability communications.

90.20(d)(83). This interoperability frequency is dedicated for the express purpose of nationwide interoperability calling.

Frequency range(MHz)	FCC Rule Part
136-150.8MHz	For Federal
150.8-152.855MHz	FCC Part 90
152.855-154MHz	FCC Part 90
154-156.2475MHz	FCC Part 90
157.1875-157.45MHz	FCC Part 90
157.45-161.575MHz	FCC Part 90
161.755-161.9625MHz	FCC Part 90
162.0375-173.2MHz	FCC Part 90
173.2-173.4MHz	FCC Part 90
173.4-174MHz	For Federal

Sincerely yours,



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