

PHASE-LOCKED-LOOP (PLL) STEREO FM TRANSMITTER

USA

This device complies with Part 15 of the FCC rules. Operation of this device is subject to the following two conditions: (1) this device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING

This device operates on the commercial FM band and signals transmitted can be received on any standard FM receiver. Users should take great care when operating this device in order to not cause any interference with reception of any commercial transmission.

In the USA, the use of this device is governed by Part 15 of the FCC rules.

Details on these regulations and standards can be found on the internet at:

<http://www.fcc.gov>

Any modification of this device will void the user's authority to operate this device under these regulations and standards. UniKit Electronics Corporation, its shareholders, directors, employees, parent companies, distributors or resellers are not responsible for any financial loss or violation of local laws by the user when operating this device. Users are urged to check their local communication and broadcasting laws.

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INTRODUCTION

The UX400 is a high quality stereo FM transmitter incorporating a Phase-Locked-Lopp (PLL) synthesizer offering rock-solid frequency stability with outstanding sound quality. The transmitter offers a choice of 7 frequencies selectable though an easy to change DIP switch.

The UX400 is ideal for personal use in your home or office to transmit MP3 songs or internet radio stations from your computer to any standard FM radio. It can also be connected to any other audio source, such as a MP3 Player, Walkman, Discman or XM Satellite Radio receiver.

The transmitter incorporates an audio input jack as well as a pass-through audio output jack and comes complete with the required DC adapter and stereo audio cable.

APPLICATIONS

MP3 Music Jukebox: Transmit your MP3 music files or any other audio from your computer to your home stereo system or FM radios around the house or office.

Internet Radios: Transmit internet radio stations from your computer to standard FM radios around the house or office.

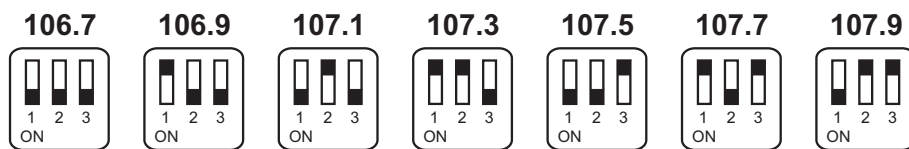
Car MP3 Player: Transmit audio from your MP3 player to your car stereo system without complicated wiring

And many more ...



INSTALLATION

1. Connect the line, headphone or speaker output of your audio source to the audio jack marked "IN" using the included stereo 3.5mm cable. Make sure there is something playing and that the volume level of your audio source is set to about medium or lower when using the headphone or speaker outputs.
2. Choose a transmitting frequency between 106.7 and 107.9 MHz from the chart below and set the "FREQ" DIP switch accordingly. **You must choose a frequency on which no other commercial station is broadcasting.**

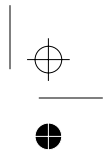
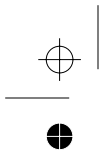


3. Connect the adapter to the adapter jack on the unit.
4. Extend the transmitter's antenna fully and put it in the upright position. Now tune any nearby FM radio to the frequency selected and you should be able to listen to the broadcasted signal clearly.

You should adjust the volume control of your audio source to a level so that the reception is strong and distortion free. Setting the volume too high may distort the transmitted signal and setting it too low will weaken the output power.

Note that immediately after changing the frequency using the DIP switch (or upon initial power up), it may take a few seconds for the transmitter to lock-in to the newly selected frequency.

The transmitter also incorporates a pass through stereo output jack which can be used to connect the audio source to existing speakers or headphone.



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