

M35C- Wireless Music Adapter User Manual

INTRODUCTION

Mgear's M35C is a digital-switched channel FM transmitter with full-range tuning (88.3-107.7MHz) tune, the FM wireless transmitter can let you listen to your audio devices (works with flash MP3 player, iPod/Dell... Jukebox, CD/DVD player, PCs, cellular phone with MP3, PDA... etc) broadcasting to your existing FM stereo system in your home, office, or car. Also the Mgear M35C enables music lovers to recharge their USB device from the M35C USB charger port. Dial in an unused FM frequency from 88.3MHz to 107.7MHz (depending on different country) range on your office/home/car stereo to match the FM transmitter's frequency. Broadcasting your favorite music wirelessly through your speaker system is simple and sounds great!

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4. Pull the 3.5mm stereo audio cable and connect the cable to your audio-out port and the following options, and make sure your audio device's volume is set to at least 1/2 volume (2/3 to full level volume is better)

• **From Digital audio player (MP3 player/Jukebox) to a stereo radio:** Connect the audio plug to the line-out or headphone jack of the MP3 player. Then start playing songs in your MP3 or jukebox player.

• **From your CD/DVD player:** Connect the plug to the line-out/headphone jack of the CD player, then playback your music file

• **From your cellular phone or PDA handheld device:** Connect the audio plug to headphone jack of your cellular phone and PDA device (depends on your phone and PDA models), then playback of your music files on your handheld

• **From your computer to your home/car stereo:** Connect the plug to the headphone jack or the audio output of the computer's sound card. Then playback your computer's media player.

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FCC & OTHER REGULATION STATEMENT

This device complies with the FCC Rules basically, other countries' approval is to be added before entering into the market place. Operation 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:

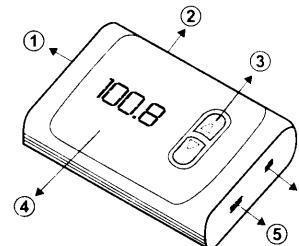
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded cables must be used with the unit to ensure compliance with the Class B FCC limits.

PACKAGING & COMPONENT DETAILS

FM transmitter kit, Home power adapter, Car cigarette lighter adapter, User manual, USB charger connection cable, Audio cable, Carrying bag for Car (optional)

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1. AC/DC-in jack
2. Internal antenna
3. CH switch buttons
4. Frequency LED display
5. USB charger port
6. Audio-in port



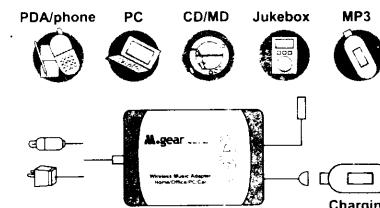
COMPATIBILITY

One of the many unique features of the M35C is that it was designed to work with any portable audio device that utilizes a standard 3.5mm headphone or line-out jack. This means that no matter what brand audio player you may have, the M35C will work seamlessly with it. Typical uses for the M35C include:

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• **From a Satellite Receiver To Your Car or Home Stereo:** Connect the plug to the line-out jack of the receiver. Then play your audio source

• **From a portable radio to a pocket radio:** Connect the plug to the line-out or headphone jack of your radio. Tune your pocket radio to the transmitting frequency.



USB charger setup

1. Connect the USB connection cable to attach to M35C USB charger port first (the USB port is 4-pin mini-USB port not 5-pin mini-USB data link port, the USB charger function is working from A-type USB female port of connection cable)

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2. Make sure your USB device is an A-type USB male connector and attach it to the USB charger female USB jack of the cable.

3. The USB charger function is only for A-type USB male connector device, not for other mini-USB type, if it's not the correct type of the USB connector, it may cause damage to your USB device.

Note:

- Some MP3 players do not support simultaneous music playback and USB charging simultaneously, while in charging mode, the USB device can only recharge its battery, it won't play music until you pull the USB connection out.
- Normally the USB charge port is only for temporary usage, if you need to full charge the USB device, it takes from 6 to 12 hours (depending on different types of USB device, the M35C's backside temperature will increase and feel hot to touch, this is normal and within specifications. For best charging result, we suggest end user is better to recharge USB device on normal computers USB port or other USB charger.

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Portable Digital Audio players (MP3 player, iPod/Dell... jukebox,), CD Players, Mini-disc players, DVD Players, Tape players, Laptop, Desktop Computers, Cellular phone or PDA with MP3/line-out jack, and Satellite Radios. The M35C is not only compatible with every audio player, but it will broadcast to any FM stereo radio.

CONNECTIONS AND OPERATION

Audio broadcast setup

1. Insert your home power adapter plug (use of home/office/room) or cigarette lighter adapter plug (for use in cars) properly and connect to the AC/DC jack of FM transmitter, the LCD display shows the current FM frequency tune (factory default tune is at FM88.3)
2. Tune your FM radio receiver(s) (home theater, mini-CD boom box, FM radio, car FM stereo, using a digital-switched channel radio will be easiest) to one unused channel from 88.3-107.7MHz, pick one which is the clearest (which has a weak radio station or no radio station at all)
3. Set the M35C channel switch button to match your FM receivers' frequency

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ADDITIONAL INFORMATION Tips To Make It Work Better

Location

Optimum placement for the FM Transmitter is away from other electronic devices. The higher the transmitter is located the better. Keep metal objects away from the internal embedded antenna. The transmission can be improved by placing it on something that will act as a ground plane like a metal filing cabinet or a refrigerator.

Audio is distorted

Some audio sources output level is either too high or too low at the line out jack. Distortion may occur if the source output level is too high, if it is too low the sound might be too low in volume. If this occurs, connect the transmitter's plug to the headphone jack and adjust the volume level on your audio device.

We suggest to maximum your audio source volume (above 2/3) then adjust your FM stereo volume for your appropriate enjoyment.

No Audio

1. Verify the power connection on the FM Transmitter,

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your audio source and your receiver is on.

2. Try adjusting the input level on the side of the FM Transmitter. If that doesn't help, try adjusting the volume of your audio source.
3. Check your cable and make sure it is connected to the right audio source.
4. Check your frequency and make sure you are tuned to the correct frequency.
5. If none of the above options work, try the FM Transmitter on another device.

Avoiding Interference

The FM transmitter has digital-switched channels from 88-108MHz, our technology avoids any local radio station to interfere with a limited coverage. If your receiver of your home or car still have interference happened, turn your receiver to another clearer or unused FM frequency and let your FM transmitter channel to match, until you find a appropriate channel from 88-108MHz in your area.

Make your power adapter cable straight (not to have across cable happened) because the cable may become a external antenna while transmitting

Troubleshooting

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Most problems you encounter with your M35 Wireless Music Adapter can be corrected by consulting the following troubleshooting list.

- FM transmitter won't turn on: Make sure both the transmitter and receiver are plugged in.
- Mgear troubleshooting contact: you can drop us a e-mail to mgear@parner.com.tw then our customer service staff will respond to you very soon

CARE AND CLEANING

CAUTION: Turn OFF your unit before cleaning. Keep the transmitter dry; if it gets wet, wipe it dry immediately. Use and store the transmitter only in normal temperature environments. Handle the transmitter carefully; do not drop it. Keep the transmitter away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the transmitter's internal components can cause a malfunction and might invalidate its warranty. If your transmitter is not performing as it should, take it to your local reseller store for assistance.

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ELECTRONIC SPECIFICATION

Spec	Details
Full band FM Modulation	Full-range FM spectrum (88.3-107.7MHz global, 76-91MHz in Japan) digital-switched channel
General certification	FCC, EMI, EMS and specific country approvals
LCD screen display	4 digits LED type
Transmission range	Line-Of-Sight 20 meters (around 60 feet), indoor around 10-15 meters (40 feet) and depending on the quality of FM radio receiver (limited by FCC regulations)
Power voltage	AD/DC power cord: 9V. Car cigarette lighter cord: 12V. USB charger: 5V

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Spec	Details
Current	Less than 130mA
Dimension	L77*W53*H18 mm weight 43g (main box)
Connection ports	AC/DC jack, mini-USB port, audio jack
Accessories include	AC power cord, car cigarette lighter plug cord, USB charger conversion cord, audio cable extender, user manual, package box

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LIMITED WARRANTY

What your warranty covers:

Defects in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase - Unit repair or exchange, which includes parts and labor.
- 91 days to 1 year from date of purchase - Unit repair or exchange, which includes parts only; you pay the labor.

What we will do:

During the initial 90 days:

Repair or exchange the defective portion of your M35C. If the unit is replaced it will be with a new or, at our option, refurbished unit.

After the 90 days and within one year:

Repair or exchange the defective portion of your M35C. If the unit is replaced it will be with a new or, at our option, refurbished unit. We will charge you a flat rate to repair or replace a defective M35C. This charge covers the labor cost for its repair.

How you get service:

- Call your local reseller and have your unit's

date of purchase and model/serial number ready. The model/serial number information is on your unit. Also, please prepare below document before your return to the reseller: Evidence of purchase date such as a bill of sale, a brief note describing your unit's problem, your name, address and phone number.

- Write a email to Mgear customer service at mgear@parner.com.tw, our representative will troubleshoot your problem over the e-mail. What your warranty does not cover:

- Acts of nature, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Shipping damage if the unit was not packed and shipped in the manner prescribed.

M.gear

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WARNING

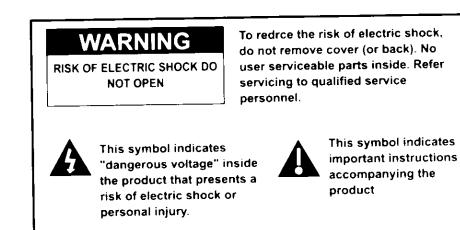
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture

WARNING

RISK OF ELECTRIC SHOCK DO NOT OPEN
To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

 This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

 This symbol indicates important instructions accompanying the product



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