



M-Duo

DUAL DRIVER

NOISE-ISOLATING HEADSET

user manual

www.meelec.com

Thank you for your purchase of the

M-Duo

**Dual Dynamic Driver
Noise-Isolating In-Ear Headset**

Please read this manual in its entirety.
If you have any questions after reading the manual

please contact
MEElectronics customer service at
customerservice@meelec.com


 **MEE**[™] brings musical enjoyment to everyone

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Package Contents



M-Duo
Dual Dynamic
Driver Headset



6 Pairs
of Eartips



Zipper
Carrying
Case



Shirt
Clip



User
Manual

Warning



Please Read: Important Safety Information to Avoid Personal Injury!

Statistics show that using noise isolating earphones while walking, jogging, or running in areas with moving vehicles significantly increases the potential of accidental injury or death.

We strongly discourage using noise isolating earphones while walking, jogging, running, cycling, driving, operating machinery, or performing other activities that require hearing surrounding sounds.

Do not use headphones at high volumes for extended periods of time as doing so will result in permanent hearing damage. It is advised that you keep volume levels moderate to low at all times for your safety.

Please visit www.osha.gov for more info.

Safety Tips

It is advised to turn the volume on your music player **all the way down** before connecting your MEElectronics earphones. After the earphones are connected and sealed in your ears, gradually increase the volume until you reach a comfortable listening level.

Achieving a good seal will isolate you from outside noise allowing you to play your music at lower volume levels.

First Use: Selecting Tips

A proper seal between the earpiece and your ear canal is required to achieve the best sound quality with the MEElectronics M-Duo. Please follow the instructions in the manual to make sure you get a proper seal. It may take several minutes to get the correct fit, but it will result in better long term sound, comfort, and noise isolation.

Select and install the correct ear tips for your ears

This may require trying multiple sizes/types of ear tips. If you have larger ears, try the larger tips first. If you have smaller ears, try the smaller tips first. Because ear canals may not be symmetric, you may need to use different-sizes or types of ear tips in each ear. When changing ear tips, make sure they are installed securely before putting the earpiece in your ear.

Standard Silicone Tips (small, medium, large):

The standard silicone ear tips come in three sizes to fit most ears. With a shallower insertion than the triple flange ear tips, they provide a high level of comfort and good seal for most ears. Many people report these tips work best for their ears, and are a good choice if you don't feel comfortable with the deep insertion the triple-flange ear tips provide.



Double-Flange Tips: Double-flange ear tips are designed to offer an ability to easily create a seal while not being inserted as deeply into the ear canal as the triple-flange ear tips. The double-flange ear tips fit a wide range of ears comfortably.



Triple-Flange Tips (small, large): Triple-flange ear tips are designed for deep insertion that improves the ability to obtain a proper seal, provides a higher level of noise isolation, and reduces the chances of the ear tip coming out of your ear during use. The triple-flange ear tips come in two sizes, large and small, and should fit most ears. They are designed to be pushed deep into the ear; however, if you experience discomfort at any time you should not push the tip in any further.



How to Wear: Installing Tips



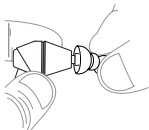
1.

Hold the ear tip firmly in one hand and the earpiece in the other



2.

Put the stalk of the ear tip on the nozzle of the ear piece as shown. Holding the ear tip at a slight angle will help with insertion.



3.

Push the ear tip all the way on the nozzle. Test to make sure the fit is secure by gently pulling on the tip; it should not come loose.

Caution: Always make sure ear tips are installed properly on the earphone nozzle to avoid an ear tip coming off in your ear. Frequent cleaning of the outer portion of the nozzle and inside the stalk of the ear tips will help keep them in place. Please see the 'Care and Storage' section for the full cleaning process.



How to Wear: Inserting Earpiece

The M-Duo is designed to be worn in a traditional manner with the cable down. It can also be worn with the cable over the ear - please see page 6 for more information.

Each earphone has a channel indicator with an R for right and an L for left. The inline microphone and remote is located on the cable for the left channel.



1. Make sure the ear tip is secure on the earphone nozzle.
2. Pull up on the top of your ear with the opposite hand to open your ear canal and insert the ear tip into your ear canal.
3. As you are inserting the ear tip into your ear canal, adjust the angle as necessary to enable the ear tip to fit deeper into your ear canal, creating a seal. Moistening the ear tip prior to insertion may make insertion easier.
4. Once inserted properly the ear tip should not be visible and outside noises should be attenuated. To test for a seal, you can snap your fingers next to your ear.
5. If you feel pressure in your ear, pull back on the earphone housing slightly to release the pressure without breaking the seal.

How to Wear: Cable Over-the-Ear

The M-Duo can be worn with the cable over-the-ear, which has some advantages over traditional cable down wear including the ability to achieve different insertion angles for a better seal and comfort, helping the cable and earphones stay in place during activities, keeping the cable out of your way, and reducing cable noise.



1. Wrap the cable over your ear.
2. Pull up on the top of your ear with the opposite hand to open your ear canal and insert the ear tip into your ear canal.
3. As you are inserting the ear tip into your ear canal, adjust the angle as necessary to enable the ear tip to fit deeper into your ear canal, creating a seal. Moistening the ear tip prior to insertion may make insertion easier.
4. Once inserted properly the ear tip should not be visible and outside noises should be attenuated. To test for a seal, you can snap your fingers next to your ear.
5. If you feel pressure in your ear, pull back on the earphone housing slightly to release the pressure without breaking the seal.

Note: When wearing the M-Duo with the cable over-the-ear the microphone placement will degrade the microphone's ability to pick up your voice.

How to Wear: More Options

Using the cable cinch:

The cable cinch can effectively shorten the length of the cable after the Y split for use behind the back or to keep the earphones in place more securely. Tighten the cable cinch and use the shirt clip to reduce cable movement during activities. The cable cinch does not go beyond the inline mic/remote housing; however the cable cinch can still reduce cable movement. Using the cable cinch when wearing the M-Duo in an over-the-ear configuration will give better control over cable movement.



Using the shirt clip: The cable comes with an attached shirt clip that clips to your shirt or other clothing, holding the cable where you want it to keep it from getting in the way during activities.



1. Shirt clip holds cable in place



2. Over-the-ear with cable in front



3. Over-the-ear with cable in back

Earphone Removal

DO NOT REMOVE FROM YOUR EAR BY PULLING ON THE CABLE!

Gently wiggle the earphone before removal to break the seal. Pull the earpiece straight out of your ear and then unwrap the cable from over your ears, if necessary. Place the earphone in a safe place such as the included carrying case when not in use.

Use While Exercising

Using the over-the-ear wear style will improve the security of the fit for working out. Exposing the nozzle to sweat may degrade the sound quality in the long term and is not warrantable.

Please do not use earphones when performing exercise that requires you to hear your surroundings, such as cycling or running outdoors.

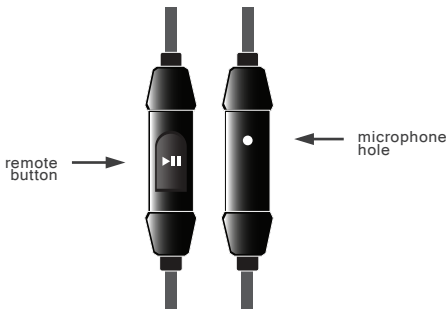
Use While Traveling with Altitude Changes (Airplane/Car/Train/etc.)

During large, rapid changes in altitude you may experience pressure changes which can affect the way your earphones sound.

It is recommended that you release pressure or break the seal when you feel increased pressure due to altitude changes to maintain the best sound quality. You can release pressure by pulling the housing back very slightly which will release pressure but not break the seal. To break the seal, pull the ear tip out of your ear canal slightly and then re-seal.

Microphone Use

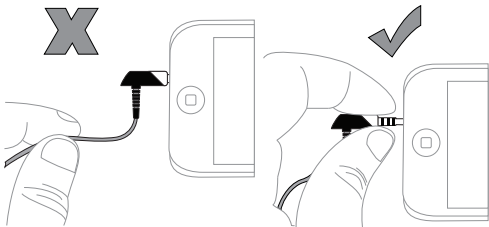
The microphone is directional and needs to be near your mouth to operate properly. If you are not loud or clear while talking into the microphone, adjust the location of the microphone so it is in front of your mouth. At times, poor voice clarity can be a result of poor call connection quality, in which case you should hang up and redial.



For full microphone and remote functionality, please visit
www.meelec.com/phone

Care and Storage

Removing the cable from your device:



Do not pull on the cable; remove by the hard plastic of the 3.5mm plug

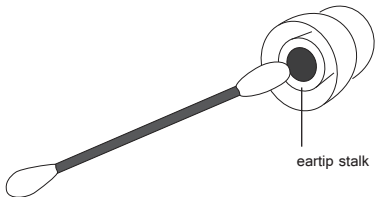
Use the included carrying case for storage to protect the M-Duo while not in use.

For best results, either wrap the cable around 3 fingers before placing in the carrying case or bunch the earphone cable up and put in the carrying case.

Cleaning

Cleaning your MEElectronics products regularly is hygienic and will help keep the earphones looking their best. Please follow these steps when cleaning your MEElectronics earphones:

- Gently remove the ear tips from your earphone
- Take a cotton swab that is either dry or has a small amount of rubbing alcohol on it
- Swab around the nozzle of the earphone, but not the inside of the nozzle
- Swab the ear tip including the inside of the stalk
- Ear tips can also be submerged fully in rubbing alcohol or hydrogen peroxide
- Wait for the earphones and ear tips to dry completely
- Put the tips back on the earphone, making sure they are fitted securely



Warranty

The M-Duo is covered by a 1 year manufacturer warranty against manufacturer defects. Following the Care and Storage recommendations as well as cleaning your M-Duo when necessary will extend the life of your earphone.

For issues with your product, contact customerservice@meelec.com.

Contact warranty@meelec.com for warranty claims from:

- Within the US or Canada from an authorized reseller (see www.meelec.com/wheretobuy)
- From www.meelec.com
- From the MEElectronics store at Amazon.co.uk

For international retailers or distributors and unauthorized resellers (see authorized resellers at www.meelec.com/wheretobuy) contact your retailer for warranty service.

Troubleshooting

Issue	Resolution
Lack of bass, the sound is quiet, thin, and/or tinny	<p>Fit and ear tips play a major role in how you hear your earphones. If the bass on your MEElectronics earphones is missing or seems weak, you have not achieved a good seal with your earphone. If the earphones sound quiet, you are more than likely not inserting them deep enough in your ears.</p> <p>If you are using the large triple flange tips, they can bend in your ear canal muffling the sound. Please check the 'First Use' section for instructions on achieving the best fit for you.</p> <p>If the user manual does not resolve your issues, please contact customer service at customerservice@meelec.com for further assistance.</p>
Ear pieces won't stay in your ears	<p>Several things can cause the ear piece to come out of your ears including:</p> <ul style="list-style-type: none">- Incorrect tip size for your ear canal. Try other sizes of ear tips.- The earphone is not inserted at the best angle for your ears. An over-the-ear wear style may achieve a better insertion angle.- The ear tips have a buildup of bodily fluids. Clean the ear tips as described in the Cleaning section.
Static	<p>Static crackling from the earphones, microphone, or both can be caused by static electricity due to electrical charge. This usually occurs during dry weather and with the use of heating or some air conditioning. If you are experiencing static crackling sounds, it is recommended that you relieve the static buildup or cease use of electronic devices. While damage from static electricity is not likely, it is possible.</p>

Troubleshooting Continued

Issue	Resolution
Sound Imbalance	<p>If the sound is louder in one ear than the other there are several possible reasons:</p> <ul style="list-style-type: none">- The song or source is not balanced: try another song and/or source- There is pressure buildup in your ear; release it by pulling back on the earphone housing, pulling the upper part of your ear to release the pressure, or both- Your ears require different sized ear tips: swap the channels and see if you still hear an imbalance on the same side (i.e. put the left channel in your right ear and the right channel in your left ear)- Your ear tip is not sealing properly; inspect the ear tip to make sure it is installed properly and for tears- The earphones and/or ear tips need to be cleaned <p>If the problem persists, contact customer service at customerservice@meelec.com for further assistance.</p>
Static or Other Noise When Plug is Moved	<p>If the plug or inside of the jack is not clean you may hear static, clicking, or other noise when the plug is moved, or rarely even without any movement. Please clean the plug with a soft cloth or isopropyl alcohol. For information on cleaning the inside of the headphone jack, please consult your phone/media player manufacturer.</p>
The ear tips won't stay on the earphone nozzle	<p>Clean your ear tips and the nozzle of your earphone as described in the Cleaning section of this manual.</p>
The remote button is not working with your device	<p>Check the compatibility list at meelec.com/phone to make sure the remote is compatible.</p>

Specifications

Driver:	Dual dynamic drivers
Frequency response:	10 Hz to 20 KHz
Impedance:	16 ohms + 15% @ 1K 1mW
Sensitivity:	101 dB
Noise isolation:	up to 27 dB
Cable length:	135 cm / 53 in
Rated input power:	2mW
Max power input:	5mW
Operational temperature:	-10 °C to 55 °C (14 °F to 120 °F)
Storage temperature:	-20 °C to 60 °C (-4 °F to 140 °F)

NOTES

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