



COUNTRYMAN  
EM EARSET CABLE



Thanks for choosing the Countryman EM Earset Cable. We're confident you'll find it the easiest way to pair our world-class mics with in-ear monitoring.

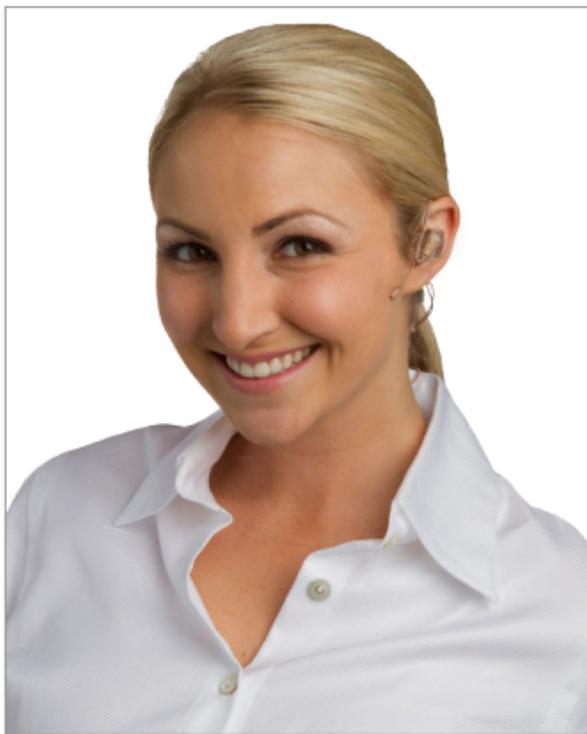
The EM Cable seamlessly integrates Countryman Earsets with Shure Sound Isolating™ Earphones without the hassle and distraction of two separate cables. We crafted this cable to be comfortable and customizable, and to virtually disappear when worn.

Getting the best results requires some simple techniques that might not be immediately intuitive. This booklet will help you get the most out of your EM Earset Cable.

To keep things simple, we focused this book on fitting the overall Earset/Earphone combination system—that means that for more detailed information on Countryman Earsets and Shure Earphones you will need to refer to other resources. For Countryman Earsets, please refer to your Earset Instruction Booklet, or visit [www.countryman.com](http://www.countryman.com). For Shure Earphones, please visit [www.shure.com](http://www.shure.com).

## Contents

Custom Fitting the EM Cable	3
Diagram of the EM Cable	4
Connecting the Mic (E2)	5
Connecting the Mic (E6)	6
Connecting the Earphone	7
Attaching Cable Hooks to the Earset	8
Earset Fitting	9
Earphone Fitting	10
Using Collar Clips	12
Connecting to Transmitter and Receiver	13
Handling the EM Cable	14
Declarations	15



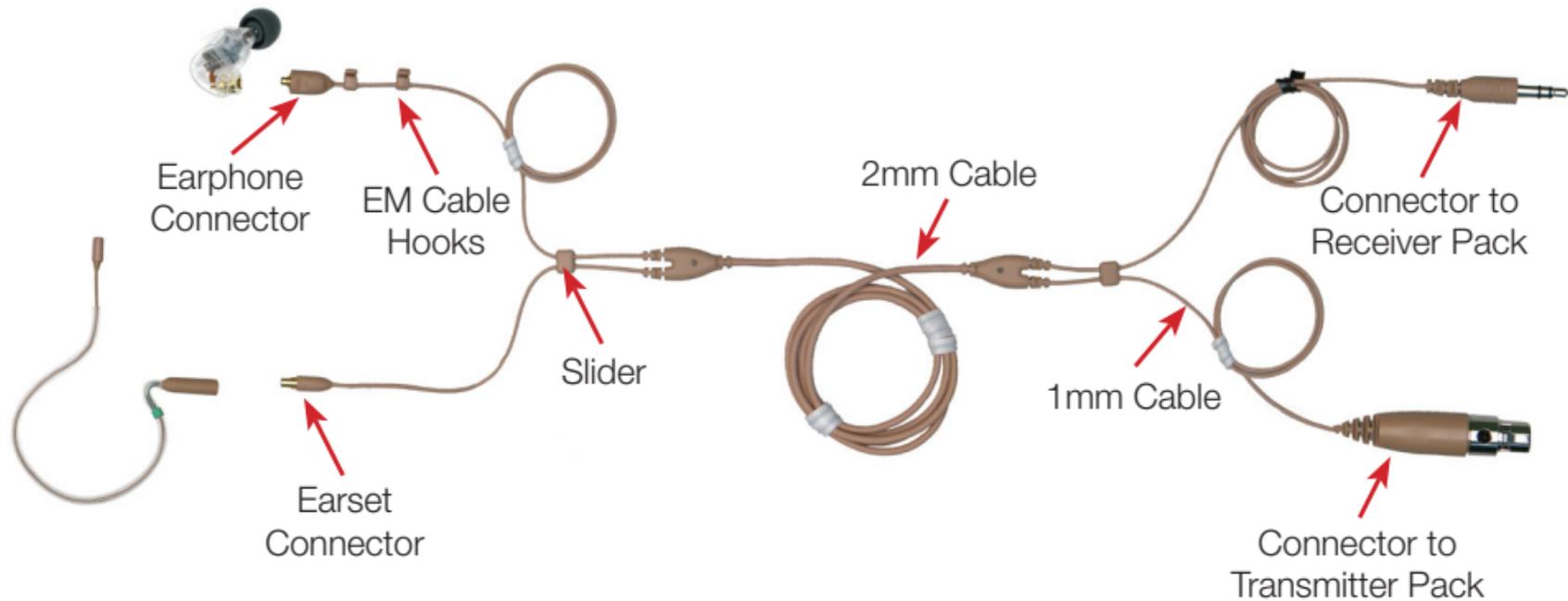
## Custom Fitting the EM Cable

This section will show you how to quickly and comfortably fit your EM Cable to get the best performance and least visibility.

The EM Cable is five feet long overall, and consists of a 2mm diameter cable splitting at both ends into two 1mm diameter cables. At the upper end of the cable, one 1mm cable connects to a Countryman Earset and the other to a Shure Sound Isolating™ Earphone. At the lower end, one 1mm cable connects to your wireless transmitter bodypack, and the other to the wireless receiver pack.



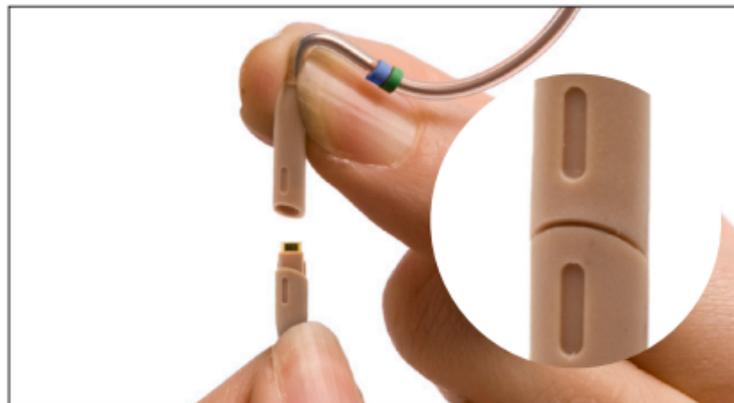
## Diagram of the EM Cable (EM2 Shown Here)



## 1. Connecting the Mic (E2)

An EM2 Cable interfaces to our E2 mic, and is easy to remove and change, allowing you to swap transmitter types, switch colors, or replace damaged parts in the field. Exercise care in connecting and disconnecting the mic connector.

- Always grasp the connectors near the outer ends of the plastic and pull the connectors straight apart. When connecting listen for a click.
- The connectors do not unscrew—line up the marks on the overmold and pull straight to disconnect.
- Avoid grasping the connectors where the sleeves overlap, as this can weaken the moisture-resistant seal and deteriorate the integrity of the connection.
- Do not pull by the cable, boom, or springy part of the Earset.



## 1. Connecting the Mic (E6)

An EM6 Cable interfaces to our E6 Earsets and is easy to remove and change, allowing you to swap transmitter types, switch colors, or replace damaged parts in the field. Exercise care in connecting and disconnecting the microphone input connector.

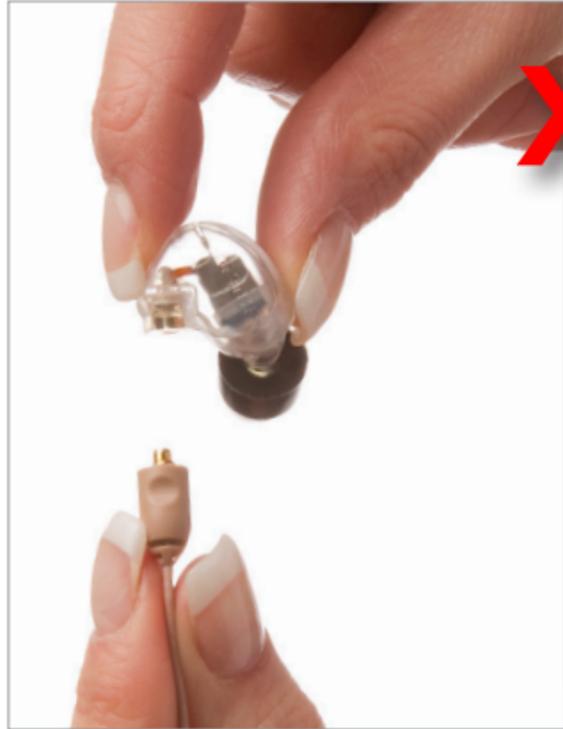
- Always grasp the connectors near the outer ends of the rubber sleeves and pull the connectors straight apart. When connecting listen for a click.
- The connectors do not unscrew and normally rotate freely.
- Avoid grasping the connectors where the sleeves overlap, as this can weaken the moisture-resistant seal and deteriorate the integrity of the connection.
- Do not pull by the cable, boom or springy part of the Earset.



## 2. Connecting the Earphone

The Shure Earphone is easy to remove from the EM Cable and change, allowing you to switch from one ear to the other, change earphone type, or replace damaged parts in the field. Exercise care in connecting and disconnecting the earphone.

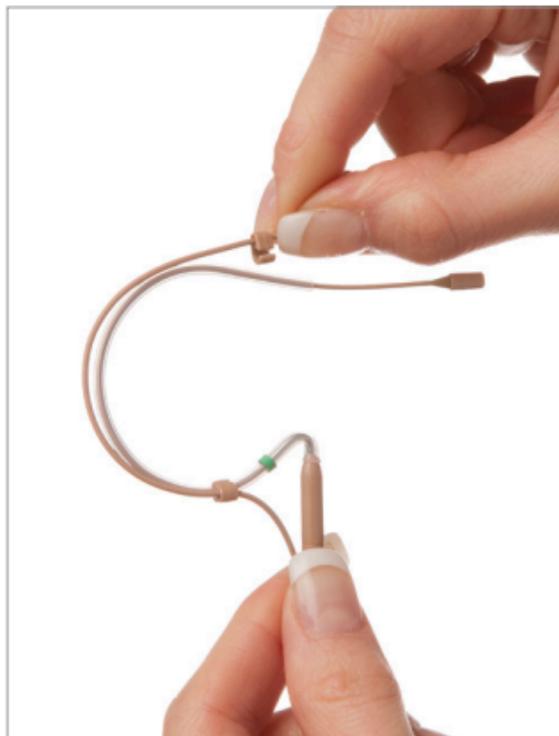
- Do not use tools such as pliers.
- Always grasp the earphone connector (on the cable end) by the finger grooves of the overmolded plastic and pull straight apart. When connecting listen for a click.
- The connectors do not unscrew and normally rotate freely.
- Do not pull by the cable, as shown in the image, or put pressure on the earphone nozzle.



### 3. Attaching Cable Hooks to the Earset

The EM cable hooks are affixed to the earphone 1mm cable. Attach the open ends of the cable hooks to the boom of the mic. Usually, connecting one of the hooks at the base of the earset by the connector, and the other just above the ear works best. With this configuration, the earphone and earset should not feel like they are pulling on each other.

If you are using an E6i microphone, you will need to attach the supplementary cable hooks provided in your EM cable package to the cable and microphone. The smaller hole in the hook is for the cable, and the larger hole is for the soft tubing on the microphone boom.



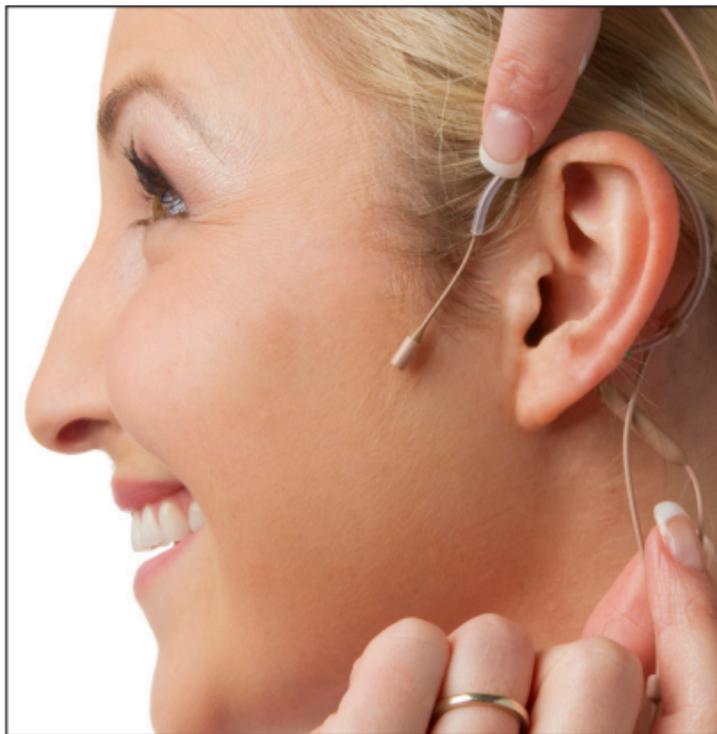
## 4. Earset Fitting

*Before fitting the mic, confirm which ear the earphone is designed for: the left (L) earphones will have a blue dot, and the right (R) earphones a red dot.*

Curve the mic over your ear so that the connector pushes gently into your earlobe and the boom rests against your face. The capsule should point towards your mouth.

For E6 Earsets, resist the urge to place the mic directly in front of the mouth. The earset should feel snug enough so that it won't fall off as you move your head, but not so tight that it is uncomfortable.

For more information, refer to your E2 or E6 Earset Fitting Guide.



## 5. Earphone Fitting

To insert the earphone, pull the ear upward and outward to straighten out the ear canal. If using foam sleeves, gently compress the foam with your fingers and insert the earphone into your ear. The cable should route up and around the top of your ear, affixed by the cable hooks to the earset boom. Use the slider to secure the earphone and earset cables.

***Important Safety Information:*** Prolonged exposure to high sound pressure levels may impair hearing. Always turn the volume down before plugging the earphone into a sound source. Excessive exposure to loud sounds can cause hearing damage. Visit [www.shure.com](http://www.shure.com) to learn more about hearing conservation.



## 5. Earphone Fitting (Cont.)

*Creating Your Personal Fit:* The quality of the frequency response and sound isolation of your earphone depends on how well the sleeves seal. If the earphone seems to be lacking in bass, check the tightness of the seal between the earphone and your ear, or try one of the other sleeve options.

Take some time to experiment with the different options to find the sleeve and style of wear that works best for you.



*Flex sleeves.*



*Foam sleeves.*



*Triple flange sleeves.*



*Soft foam sleeves.*

## 6. Using Collar Clips

Always use the collar clip to reduce clothing and cable noise. Leave enough slack in the cable such that you can turn your head to both sides without tugging on the clip.

Use the collar clip with the Y-junction slightly above the clip, making sure to clip it to both attachment points of the cable. The loop in the cable will reduce cable noise due to rubbing against the clothing or movement.

Leave the collar clip attached to the cable when possible to minimize repetitive strain.



## 7. Connect the Transmitter and Receiver

Connect the transmitter and receiver beltpacks as shown below.



The cable in use should look like the picture on the right.



## Handling the EM Cable

While the EM Cable is designed for durability, moisture-resistance and flexibility, we do suggest some basic precautions to prevent damage:

- Avoid lifting the bodypack transmitter or receiver using the EM Cable.
- When storing the cable, do not wrap it around the transmitter or receiver, particularly without unplugging the connectors.
- The cable may be cleaned with alcohol wipes or spirit gum remover.



## Declarations

We, Countryman Associates Inc., declare under our sole responsibility that the following products:

Models E2\*, E6\*, E6D\*, E6ID\*, WCE6D\*, WCE6ID\*, EM\*

To which this declaration relates are in compliance with the essential requirements of:

2004/108/EC	EMC
EN 55103-1	
EN 55103-2	
2002/96/EC	WEEE
2003/108/EC	
2002/95/EC	RoHS

When used as specified.





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