

## Method Number 1, con't

- Press the ENTER on the keyboard. After several minutes the McIntosh McAire Setup Screen will appear in the web browser window. Refer to figure 3.

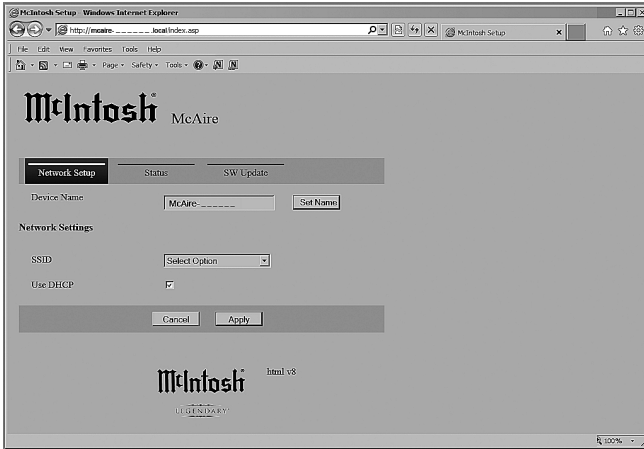


Figure 3

- Referring to figure 3, select “Your Router” (MAC Address) from the choices appearing in the SSID pull down window. Refer to figure 4.

*Note: The Router is identified by the MAC Address*

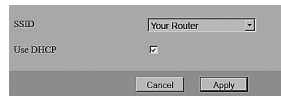


Figure 4

- Referring to figure 3, select “Your Router” (MAC Address) from the choices appearing in the SSID pull down window. Refer to figure 4.
- Press the APPLY button On-Screen to accept the desired Router. Refer to figure 4.
- Referring to figure 5, press the OK button On-Screen to continue.
- Referring to figure 6, press the OK button On-Screen and disconnect the RJ45 network cable between the Network Router and the McAire.



Figure 5



Figure 6

- Activate the Apple Mobile Device and select the Settings Icon. Refer to figure 7.

- From the Settings Menu select the Wi-Fi Icon. Refer to figure 8.

- From the “Choose a Network” options select the MAC Address of the Network Router (same address as selected in step 5). Refer to figure 9.



Figure 7

- Touch the “Your Router” a second time to activate the wireless connection and a check mark will appear to the left of the MAC Address or the unique name of the Router. Refer to figure 10.


- Return to the main screen and select the Music Icon. Refer to figure 7.
- Select the desired music for listening (in this example “ABBA Gold” is chosen). Refer to figure 11.



Figure 8



Figure 9

- Touch the ► Icon to start playback of the music followed by touching the  Icon (Apple AirPlay). Refer to figure 11.

- Referring to figure 12 select the McAire-\_\_ touch button.

Within about five seconds the Apple Mobile Device internal speaker will switch Off and sound will now be coming from the McIntosh McAire through the AirPlay Wireless Connection.



Figure 10

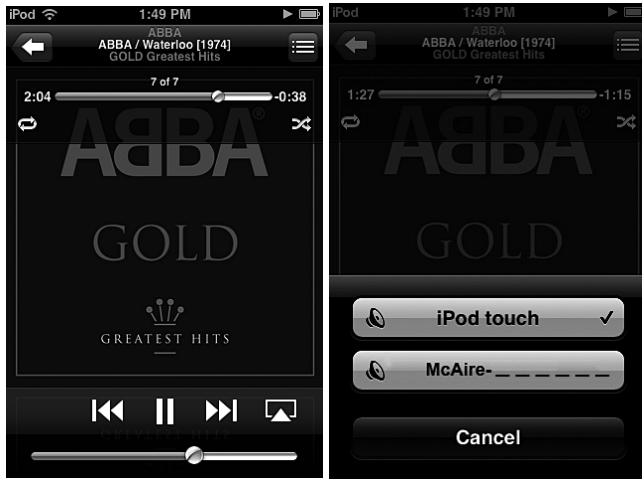


Figure 11

Figure 12

## Method Number 2

Unlike Setup Method #1, this method uses the McAire (instead of a computer) to establish communications with a Wireless Router using your Apple Mobile Device. After setup up is completed, a Wireless Router will still be needed to stream music from your Apple Mobile Device to the McAire via AirPlay. Perform the following setup steps:

1. Switch power On to Router and after it has booted up, then switch power On to the Computer and McAire.

*Note: If the McAire had been previously setup and/or been in use for some time, it is important to first reset the McAire to factory default settings before proceeding. Refer to page 21 on how to reset the McAire.*

2. Using the INPUT Control on the Front Panel of the McAire, select the NET (Network) Input on the McAire.

*Note: It is normal for the NET indicating LED to change from magenta in color to an alternating flashing green color during the time*

*a network connection is trying to be established.*

3. Activate the Apple Mobile Device and select the Settings Icon. Refer to figure 7 on page 16.
4. From the Settings Menu select the Wi-Fi Icon. Refer to figures 8 and 9 on page 16.
5. After about 60 seconds the Apple Mobile Device Wi-Fi Networks Menu will indicate “McAire\_Setup\_7...”. Refer to figure 13.



Figure 13

6. Referring to figure 7 launch the Safari WEB Browser and type in on the address line the following:

*http://mcaire-\_\_\_\_.local/*

*Note: This McAire is identified by the MAC Address*

*(unique number for each McAire) and is located on the Rear Panel of the McAire. Insert the MAC Address of this unit into the address line above where the six blank spaces are.*

7. Touch the “Enter Key” on the On-Screen keyboard. After several minutes the McIntosh McAire Setup Screen will appear in the web browser window. Refer to figure 14.
8. Referring to figure 14, from the choices appearing in the SSID pull down window select “Your Router” (MAC Address). Refer to figures 15 and 16.

*Note: The Router is identified by the MAC Address (unique number for each Router) and is on*



Figure 14

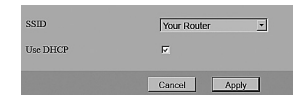


Figure 15

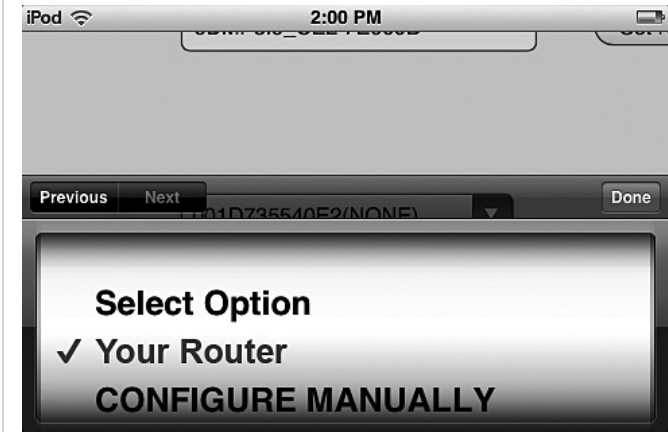


Figure 16

*a label usually located on the Router. If you assigned a unique name to indentify the Router, please select that name instead of the MAC Address.*

9. Touch the Done button On-Screen to accept the desired Router. Refer to figure 16.

## Method Number 2, con't

- Referring to figure 17, touch the APPLY button On-Screen to continue.

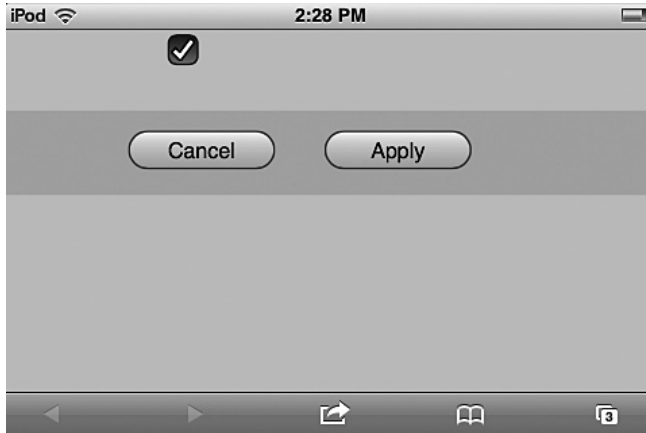


Figure 17

- From the Settings Menu select the Wi-Fi Icon.

Refer to figure 18A.

- From the “Choose a Network” options select the MAC Address of the Network Router (same address as selected in step 8 on page 17). Refer to figure 18B.

Touch the “Your Router” a second time to activate the wireless connection and a check mark will appear to the left of the MAC Address or unique Router name. Refer to figure 18B.

- Return to the main screen and select the Music Icon. Refer to figure 19.

- Select the desired music for listening (in this



Figure 18A



Figure 18B



Figure 19

example “ABBA Gold” is chosen). Refer to figure 20.

- Touch the ► Icon to start playback of the music followed by touching Icon (Apple AirPlay). Refer to figure 20.

- Referring to figure 21 select the McAire- touch button.



Figure 20

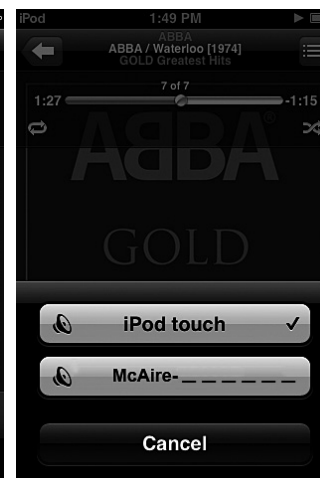


Figure 21

Within about five seconds the Apple Mobile Device internal speaker will switch Off and sound will now be coming from the McIntosh McAire through the AirPlay Wireless Connection.

### Method Number 3


This method uses the McAire, your Apple Mobile Device and Apple Dock Connector to USB Cable. Perform the following setup steps:

1. Switch power On to the Router and locate the MAC Address (on a label usually located on the Router) or the unique Router name as it will be needed in step 4.
2. Activate the Apple Mobile Device and select the Settings Icon. Refer to figure 19 on page 18.
3. From the Settings Menu select the Wi-Fi Icon. Refer to figure 18A on page 18.
4. From the "Choose a Network" options select the MAC Address or the unique name of the Network Router. Refer to figure 18B.

*Note: It might be necessary to touch the "Your Router" menu selection a second time to activate the wireless connection if a check mark doesn't appear to the left of the MAC Address or the unique Router name.*

5. Switch power On to the McAire.
6. Using the INPUT Control on the Front Panel of the McAire, select the USB Input on the McAire.
7. Using the McAire Remote Control enter the Network Setup Mode by press the following push-button sequence:
  - A: The ▲ push-button.
  - B: The ► push-button.
  - C: The ▼ push-button.
  - D: The ◀ push-button.

Looking at your Apple Mobile Device Screen a window will appear asking to share Wi-Fi Settings. Refer to figure 22.

8. Touch the ALLOW On-Screen Button and when the McAire switches to the NET Input with a steady magenta indicating LED, remove the Apple Dock Connector to USB Cable from the Apple Mobile Device.
9. Select the Music Icon from the main screen of the Apple Mobile Device. Refer to figure 19.
10. Select the desired music for listening (in this example "ABBA Gold" is chosen). Refer to figure 20.
11. Touch the ► Icon to start playback of the music followed by touching the  Icon (Apple AirPlay). Refer to figure 20.
12. Referring to figure 21 select the McAire-\_\_\_\_\_ touch button.

Within about five seconds the Apple Mobile Device internal speaker will switch Off and sound will now becoming from the McIntosh McAire through the AirPlay Wireless Connection.



Figure 22





## How to Operate the McAire

Your McIntosh McAire is factory configured for immediate enjoyment of superb audio from an iPod Touch or iPhone (Mobile Device). Just connect it to the McAire iPod/USB Rear Panel Connector using the Apple Dock Connector to USB Cable.

If you wish to make an AirPlay wireless connection between the Mobile Device and the McAire, please refer to “How to Setup the McAire” on page 15 for additional information.

### Power On

Press the ON/STANDBY Push-button on the Front Panel of the McAire or press the Power Push-button on the Remote Control to switch On the McAire. Refer to figures 30 and 37.

- Notes:
1. With the McAire in the Standby Mode and when an Apple Mobile Device is connected to the iPod/USB Input, the McAire will automatically switch On.
  2. An optional Source Component will also switch On/Off with the McAire, such as a McIntosh Tuner, when there is a Power Control Connection made between the units.
  3. The McAire will automatically switch OFF approximately 30 minutes after the music

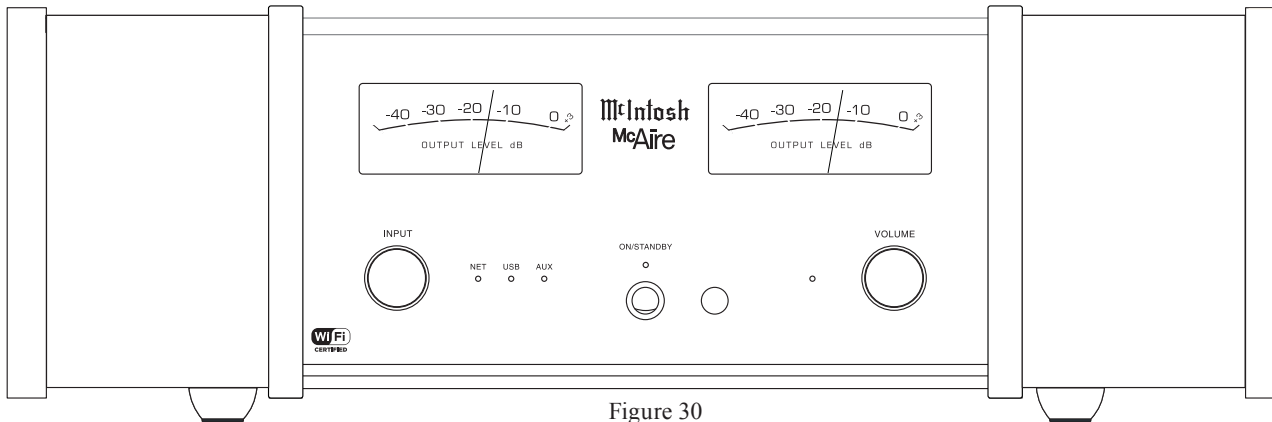


Figure 30

has stopped playing when the McAire is set to either the NET or USB Input.

4. By pressing and holding in the ON/STANDBY Push-button for 5 seconds, the McAire will go into STANDBY Mode (it will consume less power, however when switched back On the Network Connections will take slightly longer to re-establish).

Standby Indicator Color	Operation Mode
Red	Standby (Factory Default)
Orange	Sleep Mode

### Source Selection

To select the desired audio source, rotate the INPUT Control clockwise/counterclockwise or press the (Input) Push-button on the Remote Control to select the desired source. Refer to figures 30 and 37.

McAire Inputs	
Music Source	Indicator Color
NET - Apple Mobile Device	Magenta (also Green or Light Blue during Setup Mode)
NET - iTunes over the Network	
USB - Cable connection to an iPod or iPhone	Blue
AUX - Optional Source such as a McIntosh Tuner	Green

Note: The Apple Mobile Device will pause the current track playing when switching to another Input Source on the McAire.

### Volume Control

To increase the Volume, rotate the Front Panel VOLUME Control clockwise and release the control when the desired listening level has been reached. To decrease the Volume, rotate the Front Panel VOLUME Control counterclockwise and release the control when the desired listening level has been reached. Refer to figure 30.

The listening level may also be changed by pressing the or Push-buttons on the McAire Remote Control. Refer to figure 32.

Note: The White LED Indicator, located to the left of the Front Panel Volume Control, flashes rapidly when the minimum or maximum volume level setting is reached. The LED stays On continuously while the volume level is being changed.

### Mute

Press the Mute Push-button on the Remote Control to Mute the sound. The White Volume LED Indicator will flash slowly while the McAire is muted.

Pressing the Mute Push-button a second time or adjusting the Volume (either the Front Panel Volume Control or Volume Push-buttons on the Remote Control) un-mutes the McAire.

### Output Level Meters

The McAire Output Level Meters indicate the relative output level in Decibels. Refer to figure 31.

The meters respond to the peaks contained in the musical information being reproduced by the McAire.

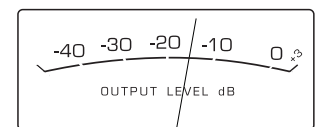


Figure 31

### Streaming music from Apple Mobile Device

To stream music stored in the Apple Mobile Device directly to the McAire, perform the following:

1. Touch the AirPlay Icon on the Music App. Refer to figure 32.
2. From the list appearing on the Apple Mobile Device select the McAire. Refer to figure 33.

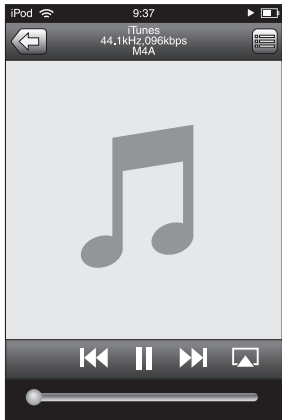


Figure 32

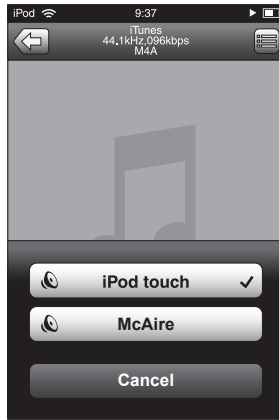


Figure 33

*Note: It might be necessary to change position of the McAire Antenna and/or Wireless Router to reduce possible WiFi Signal Drop Outs.*

### Streaming Music from iTunes on your Computer

Before proceeding, download and install the latest version of iTunes (version 10.6 or later) on the computer connected to the same network as the McAire. Also update your Apple Mobile Device to OS 5 or later.

*Note: Use the Apple Remote App for your Apple Mobile Device to control iTunes from any room in your home. The app is available as a free download from the App Store. The App does require a Wireless Router to be part of the Computer Network.*

To stream music from iTunes on your computer to the McAire perform the following:

1. Switch On the McAire.
2. Launch iTunes and click the AirPlay icon displayed in the lower right of the window and then select McAire from the list. Refer to figure 34.

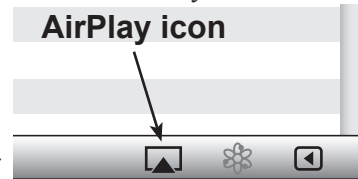


Figure 34

3. Choose a song and click play in iTunes. The music will stream to the McAire.
4. Click the AirPlay Icon in iTunes and then select “Multiple Speakers” from the list. Refer to figure 35.

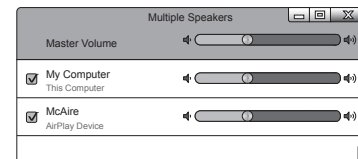


Figure 35

5. From the list appearing in iTunes select McAire.

To control music playback from iTunes using the McAire Remote Control perform the following:

6. With iTunes running, select “Edit”, then “Preferences”. Refer to figure 36.
7. Select the “Devices” icon, then check “Allow iTunes audio control from remote speakers”.

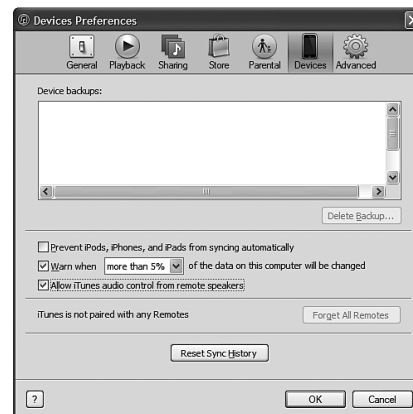


Figure 36

*Notes: 1. The McAire will switch to the “NET” Input when AirPlay playback is started.*

2. The screen may differ depending on the OS and software versions.
3. For information about how to use iTunes, click on Help.

### Reset of Microprocessors

In the unlikely event the controls of the McAire stop functioning, the internal microprocessors can be reset by performing the following:

1. Disconnect the McAire AC Power Cord from the AC Power Outlet.
2. Wait at least 30 seconds, then reconnect the McAire AC Power Cord to the AC Power Outlet.
3. Press the Front Panel ON/STANDBY Push-button or the On/Off Push-button on the Remote Control to resume listening.

### Resetting to Factory Default Settings

If it becomes desirable to reset all of the McAire settings to the factory default values, perform the following steps:

1. With the McAire On, press the RESET Push-button (recessed and located on the Rear Panel of the McAire) until the McAire switches Off and the Front Panel ON/STANDBY LED changes in color from Orange to Red.
2. Press the ON/STANDBY Push-button and the McAire will resume operation.

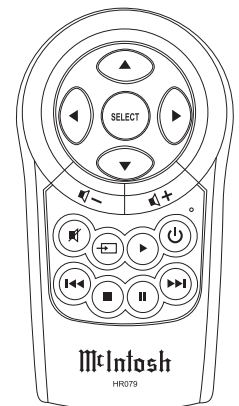


Figure 37



### Electronic Specifications

#### Network Input

Wired RJ45, 10/100 Base-T  
Wireless 802.11, WPA  
Apple AirPlay

#### USB Input

Type A Connector with Host Mode  
Music Streaming  
1Amp Charging for iPhone and iPod

#### AUX Input

Input Sensitivity - 200mVRMS nominal  
Maximum Input Signal - 2.2VRMS  
Stereo RCA Connectors

The McAire is compatible with the following Apple Mobile Devices with the latest version of the Apple OS Software installed:

AirPlay Connection or USB Connection
iPod touch (4th generation)
iPod touch (3rd generation)
iPhone 4S
iPhone 4
iPhone 3GS

AirPlay Connection only	USB Connection only
iPad	iPod classic
iPad 2	iPod nano (6th generation)
iPad New	iPod nano (5th generation)

### Loudspeaker Specifications

#### System Driver Complement

Two 4 inch Woofers (dual acoustic ports)  
Two 2 inch Inverted Dome Midranges  
Two 3/4 inch Dome Tweeters

#### Frequency Response

60Hz - 45kHz

#### Crossover Frequency

250Hz  
4,500Hz

#### Enclosure Finish

High Gloss Black

#### Grille Finish

Black Knit Cloth

#### Grille Attachment

Magnetic

### General Specifications

#### Power Requirements

*Field AC Voltage conversion of the McAire is not possible. The McAire is factory configured for one of the following AC Voltages:*

100V ~ 50/60Hz at 25 watts  
110V ~ 50/60Hz at 25 watts  
120V ~ 50/60Hz at 25 watts  
220V ~ 50/60Hz at 25 watts  
230V ~ 50/60Hz at 25 watts  
240V ~ 50/60Hz at 25 watts

Standby: Less than 0.5 watt

*Note: Refer to the rear panel of the McAire for the correct voltage.*

#### Overall Dimensions

Width is 19-3/8 inches (49.2cm)  
Height is 8 inches (20.3cm) including antenna in the vertical position  
Depth is 17 inches (43.2cm) including connectors and antenna

#### Weight

31 pounds (14 Kg) net, 44 pounds (19.9 Kg) in shipping carton

#### Shipping Carton Dimensions

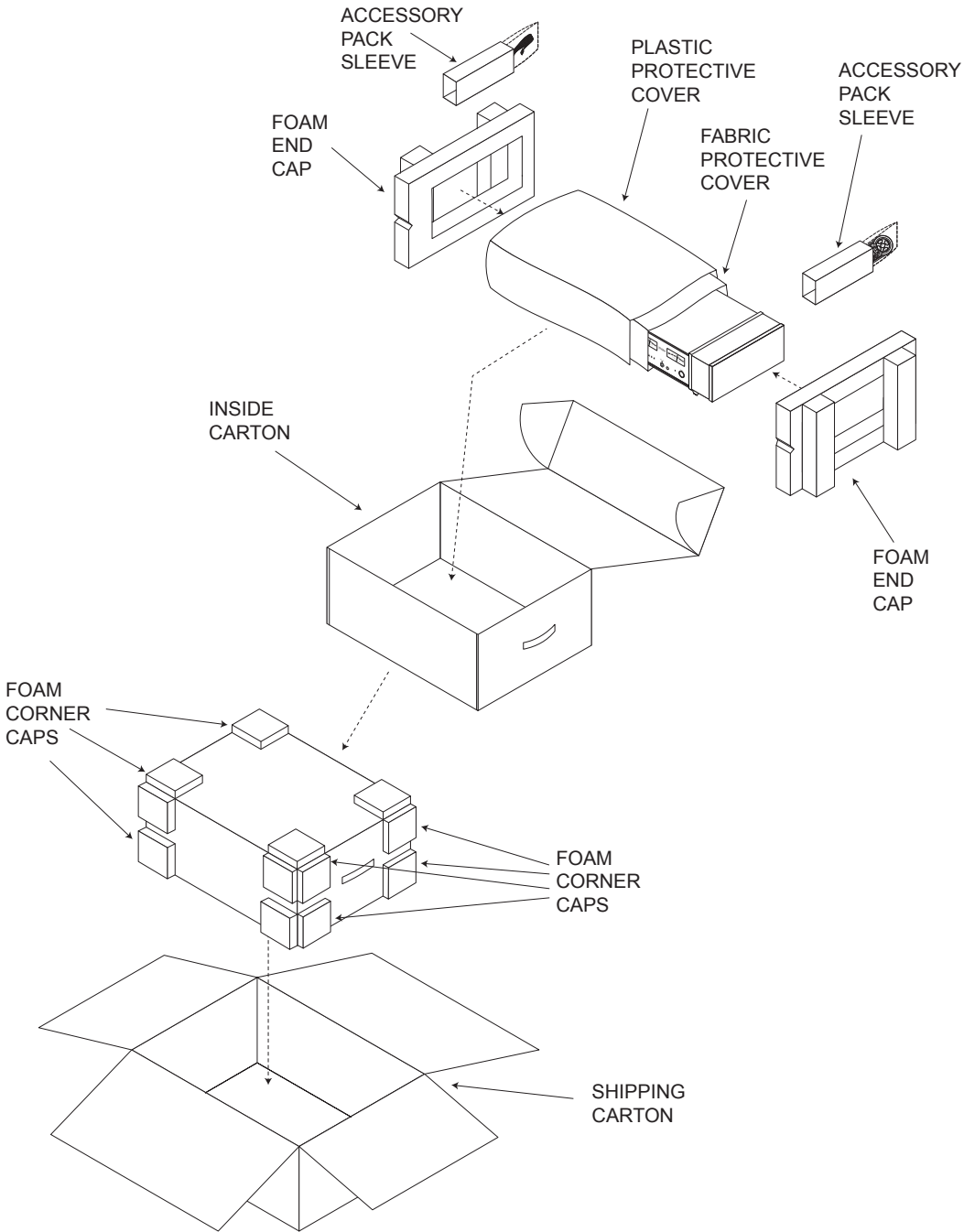
Width is 27-3/8 inches (69.5cm)  
Height is 19-1/8 inches (48.6cm)  
Depth is 10-1/4 inches (26cm)

**Packing Instructions**

In the event it is necessary to repack the equipment for shipment, the equipment must be packed exactly as shown below. Failure to do this will result in shipping damage.

Use the original shipping carton and interior parts only if they are all in good serviceable condition. If a shipping carton or any of the interior part(s) are needed, please call or write Customer Service Department of McIntosh Laboratory. Refer to page 4. Please see the Part List for the correct part numbers.

Quantity	Part Number	Description
1	03454000	Shipping Carton
8	03454100	Foam Corner Caps
1	03454200	Inside Carton
2	03454300	Foam End Caps
2	03454400	Accessory Pack Sleeve
1	03362600	Plastic Protective cover
1	310505SP	Fabric Protective cover







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[www.mcintoshlabs.com](http://www.mcintoshlabs.com)

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