F80



Radio 1 BBC R2 BBC R3 BBC R4



MERIDIAN

Important safety instructions

- · Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- · Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- (North America) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade, or the third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and at the point they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
 When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen in to the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- · Do not expose the product to dripping or splashing.
- Do not place any object filled with liquid, such as a vase, on the product.
- Do not place naked flame sources, such as lighted candles, on the product.

To avoid interference

Do not position the product:

- Near strong magnetic radiation, such as near a power amplifier.
- Near to a television, or where connecting cables may be subject to or cause interference.

WARNING:TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE

This apparatus has been designed with Class I construction and must be connected to a mains socket outlet with a protective earthing connection (the third grounding pin).

This apparatus has no on/off switch. To disconnect this apparatus from power, you must disconnect the power cord. Make sure the power cord is always easily accessible.

To avoid overheating

 Leave at least 10cm around the equipment to ensure sufficient ventilation.

Do not position the product:

- · In direct sunlight.
- · Near heat sources, such as a radiator.
- Directly on top of heat producing equipment, such as a power amplifier.
- On a soft surface, such as a carpet, which would obstruct the ventilation holes in the base.

The product normally runs warm to the touch.

FCC Information (USA Only)

CAUTION:

Changes or modifications not approved by Meridian could void the user's authority to operate the equipment.

FCC Warning

This equipment generates and can radiate radio frequency energy and if not installed and used correctly in accordance with our instructions may cause interference to radio communications or radio and television reception. It has been type-tested and complies with the limits set out in Subpart J, Part 15 of FCC rules for a Class B computing device. These limits are intended to provide reasonable protection against such interference in home installations. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encourage to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- Increase the separation between the equipment.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Acknowledgements

The F80 incorporates FreeRTOS Version v3.0.0 under the terms and conditions of the GNU General Public License at:

http://www.freertos.org/a00114.html

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This guide was produced by Human-Computer Interface Ltd, http://www.interface.co.uk/



Getting started

Welcome to the Meridian F80!

Your F80 is a combined CD and DVD player, FM/DAB receiver, and sound system in a single convenient unit.

This chapter explains how to set up your F80 in six simple steps.

Welcome

I Unpack the F80

Your F80 is supplied with the following components:

- Power cord.
- · Rod antenna.
- DAB-optimised coil antenna.
- · Wire antenna.
- F80 remote control.
- This User Guide.

If any of these items are missing please contact your supplier.

We recommend you retain the packaging in case you need to transport the unit at a later date.

2 Position the F80

Although you can position your F80 almost anywhere convenient, for best results bear the following considerations in mind:

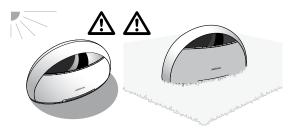
Avoid wet locations

The F80 is an electrical appliance, and so should not be positioned in a location where it may get splashed or wet, such as in a bathroom or on a kitchen sideboard.



Avoid direct sunlight or carpets

The F80 includes a powerful amplifier, which needs adequate ventilation. Avoid positioning the F80 in direct sunlight, such as in a window, or on a pile carpet.



If the F80 overheats, protection circuits switch it off until it has cooled down.

3 Connect an antenna

The F80 includes an internal antenna, and in areas of strong reception this will be sufficient to receive a good signal on the DAB and FM wavebands.

If you do not achieve good results with the internal antenna, you may use one of the external antennas supplied, or connect another suitable external (eg cable or outdoor) antenna, as follows:

Telescopic rod antenna



The telescopic antenna provides very good reception for FM, AM, and DAB.

- Attach the rod antenna to the socket marked Ant. I.
- Extend it to its full extent.

Wire antenna



If you prefer not to have the antenna visible, the wire antenna can be draped behind furniture, or run up a wall. The wire antenna provides very good reception for FM, AM, and DAB, but experiment with the lay of the wire to get the best signal strength.

Attach the wire antenna to the socket marked Ant. I

DAB-optimised coil antenna

A UK DAB-optimised coil antenna may be included.

• Attach the antenna to the socket marked Ant. I.

Cable or external antenna

In difficult reception areas (eg some high-rise or shielded buildings) it may be necessary or preferable to connect an external antenna, or a radio feed provided by a Cable supplier or in the building infrastructure.

• Attach the antenna cable to the socket marked Ant. I.

Change the antenna setting

If you have fitted an external antenna, you need to change the antenna setting for the band you want to use; see *To set up the antennas*, page 34.

Note: In some circumstances you may want to use more than one external antenna to get the best reception on two or three bands. Meridian provides an FAQ on this subject on their website:

www.meridian-audio.com/data/f80_ant_faq.htm

4 Connect power

• Plug one end of the power cord supplied with the F80 into the power connector on the back panel.



· Connect the other end to a wall socket.

5 Listen to the radio

• Press the Home key, marked \triangle .

The Home menu will be displayed:



• Press the key labelled Radio.

When you first select the DAB band you will be prompted to scan for stations:



• Press + followed by **Scan** to scan for stations.

The radio will then tune to the first station found.

Press → followed by **Station** ▼ or ▲ to select a station:



 Adjust the volume by turning the knob to the right of the F80, or mute the sound by pressing the knob.

6 Play a CD

• Press the Home key, marked \triangle .

The Home menu will be displayed:



- Press the key labelled **Disc**.
- Insert a CD in the slot, label uppermost, and gently push it into the slot until it is drawn into the drive:



The CD will start playing automatically.

• Adjust the volume by turning the knob to the right of the F80, or mute the sound by pressing the knob.

What next?

For more information about playing audio CDs and DVDs see *Playing discs*, page 15.

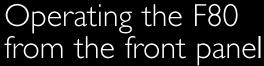
For more information about using the Radio see *Listening to the radio*, page 23

For information about setting up your F80 the way you want it see **Setting up**, page 31.

Using the F80

This chapter gives general information about operating your F80, using the front panel keys or remote control.





You operate your F80 using the keys below the display. These change function depending on what you're doing, as shown by the labels on the bottom line of the display.

CD

44k1

Disc

Radio

Displaying the Home keys

Whatever you're doing, you can always display the Home keys.

• Press 公.

The Home keys are available even when the F80 is in standby.

Selecting the radio

To select the radio

· Press Radio.

For more information about using the Radio see Listening to the radio, page 23



Aux Adjust

Selecting the disc player

To select the disc player

Press Disc.

For more information about playing audio CDs and DVDs see Playing discs, page 15.

Selecting external inputs

To select an external input

• Press Aux.

回

You can then select one of the external inputs: Aux 1, Aux 2, Aux 3, or Optical.

Adjusting settings

To adjust the F80 settings

Press Adjust.

For more information see **Setting up**, page 31.

Displaying the time

To display the time

 Press the key when the F80 is in standby to display the time, or time and date.

For information about setting the clock see **Adjusting the clock**, page 32.

General functions

Changing the volume and muting the sound

You can adjust the volume between 0dB and 99dB in precise steps of IdB, where 9dB is equivalent to doubling the loudness.

To change the volume

• Turn the volume knob to the right of the F80.

The display shows the current source and volume setting:



To mute the sound

Press the volume knob.

The display shows Mute:



To unmute the sound

Press the volume knob again.

Alternatively the sound is unmuted if you increase the volume.

Setting the alarm

The F80 includes an accurate alarm clock, which you can use to wake you up in the morning or remind you of an appointment with a tone, or the last radio station you were listening to.

Before using the alarm you should set the clock to the correct time; see *Adjusting the clock*, page 32.

To set the alarm

- Press 4, Adjust, Clock, Alarm to display the ALARM menu.
- Press Alarm to turn the alarm On.

The **Alarm** display allows you to set the alarm time:



- Press **▼** or **▲** to set the hours (24-hour clock).
- Press Next.

In a similar way you can adjust the minutes, choose the source from **Radio** or **Tone**, and set the volume.

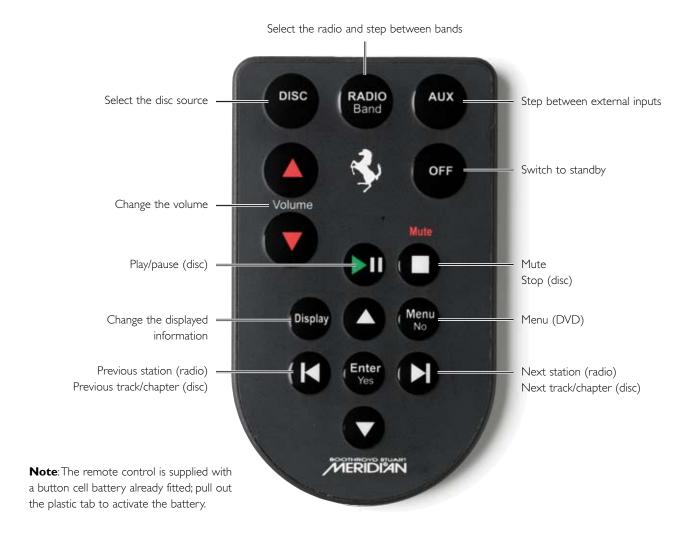
 At any stage press to return to the CLOCK menu with the settings you have chosen.

To unset the alarm

- Press 4, Adjust, Clock, Alarm to display the ALARM menu.
- Press Alarm to turn the alarm Off.

Operating the F80 with the remote control

You can operate the most important functions of the F80 with the remote control.



Connecting to the F80

This section shows how to connect external devices to your F80.

Connecting an antenna

• Connect up to two external antennas for the radio to Antenna 1 or Antenna 2.

For more information see **Connect an antenna**, page 3.

Connecting to a television or video display

- Connect the Video connector to a display with a composite video input, such as a television.
- Connect the S-Video output to a display with an S-Video input, such as a television or monitor.

Second external antenna External rod or wire antenna

Display with composite video input

Display with S-Video input External analogue source



/

Part Ref F80 EUR

12

S.VII

Aux

Connecting headphones or the optical output

To connect headphones

 Plug headphones (equipped with a 3.5mm mini jack plug) into the Optical Out/ Headphones socket.

To connect to the digital output

 Connect the Optical Out/Headphones socket to an optical input on a digital recorder or digital surround processor, using a mini optical cable.

Connecting external sources

To connect an analogue source

 Connect the Aux I input to the line output of an audio source, such as a music player, using a mini stereo jack plug.

To connect a digital source

 Connect the Aux 2 input to the optical output of a digital source, such as a digital music player, using a mini optical cable.

To connect an MP3/WMA player

 Connect the Aux 1 or Aux 2 input to an MP3/WMA player, using a suitable cable.

External digital source

Headphones or digital preamplifier For future accessories

Power cord













Playing discs

This chapter explains how to play discs, including audio CDs, DVDs, and CD-ROMs containing MP3/WMA files.

When you insert a disc it will start playing immediately.



Playing discs

To see the disc options press 4 followed by **Disc**.

Playing a disc

To insert a disc

 Insert the disc, label uppermost, into the drive, under the standby light.

The top left of the display shows the type of disc: CD (audio CD), DVD, or MP3/WMA, followed by the bit rate (44.1k or 48k).

To play the disc

Press -...

Some discs start playing immediately when you insert them.

As the disc is playing the display shows the track number (CDs) or chapter number, (DVDs) and the elapsed time of the current track (CDs) or whole disc (DVDs).

Pause and stop

CD

When a disc is playing the ▶ label changes to ■.

П

To pause the disc

Press II.

The II label changes to I--



To resume after pause

Press —.

To stop the disc

• Press .

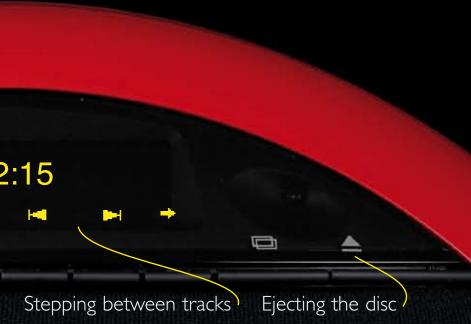
To resume after stop

• Press --.

The disc will resume playing from the position at which you stopped.

To clear the resume memory

Press T twice.



To step to the start of the next track

While the disc is playing:

• Press III.

To step to the start of the current track

While the disc is playing:

• Press I-.

To select a track

While the disc is playing:

• Press • or • until the display shows the track number you want to play.

With DVDs these keys step between chapters.

To eject the disc

Press the ≜ key.

You can also eject a disc when another source, such as Radio, is selected.



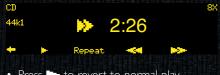


speed

• Press — for reverse or — for forward.

Each time you press the key the speed steps between 2X, 4X, 8X, 16X, and 32X, as shown at top right of the display.

The display shows - or - followed by the track time:



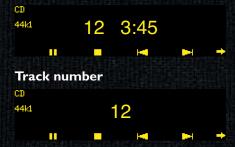
• Press - to revert to normal play.

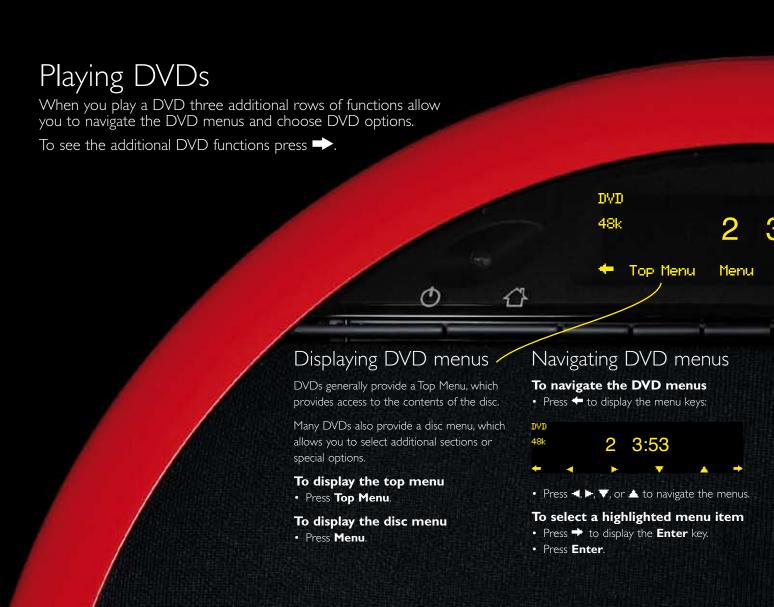
Play resumes from the point you reached.

To change the displayed information

• Press the 🗗 key to step between the following options:

Track number and track time







To select a highlighted menu item

• Press Enter.

To return from a menu

• Press Return.

This will exit from the menu without selecting an option.

• Press → to display the row of functions for changing DVD options:



To change the camera angle

• Press Angle while viewing a scene with multiple camera angles.

Each time you press Angle the next camera angle is selected after a short delay.

To change the subtitles

Press Subtitle.

Each time you press Subtitle the next subtitle language is selected.

To change the audio soundtrack

· Press Audio.

Each time you press Audio the next available soundtrack is selected.



Listening to the radio

This chapter explains how to use the F80 radio tuner, which provides DAB (Digital Audio Broadcasting), the FM waveband, and AM (LW and MW).

It supports RDS (Radio Data System) on FM to display the station name.



Selecting the band

To select the band

· Press Band.

The radio steps between the wavebands DAB, FM, and AM.

The current band is shown at top left of the display.

A graphical signal-strength meter is shown at top right of the display. Adjust the antenna for the highest reading.

Tuning

To step between stations

Press Station ▼ or ▲.

On DAB pressing ∇ or \triangle displays the station names in alphabetical order, and the currently displayed station is selected after a short delay.



Bit rate (higher is better quality), Stereo/ Mono, signal strength indicator, station name,

and network or operator name.



You can save up to 16 preset stations across all bands so you can select them with a single key press.

Press to display the preset names. When you have defined at least one preset, the preset keys will be displayed first when you select the radio.

BBC F

Vingin

BBC R2

Selecting a preset

To select a preset

If necessary, press

until the preset names are displayed.

There are four rows of presets.

- Press the key corresponding to the station you want to select.

Saving a preset

DAB

Before you have saved any presets the preset keys are labelled 1 to 16:

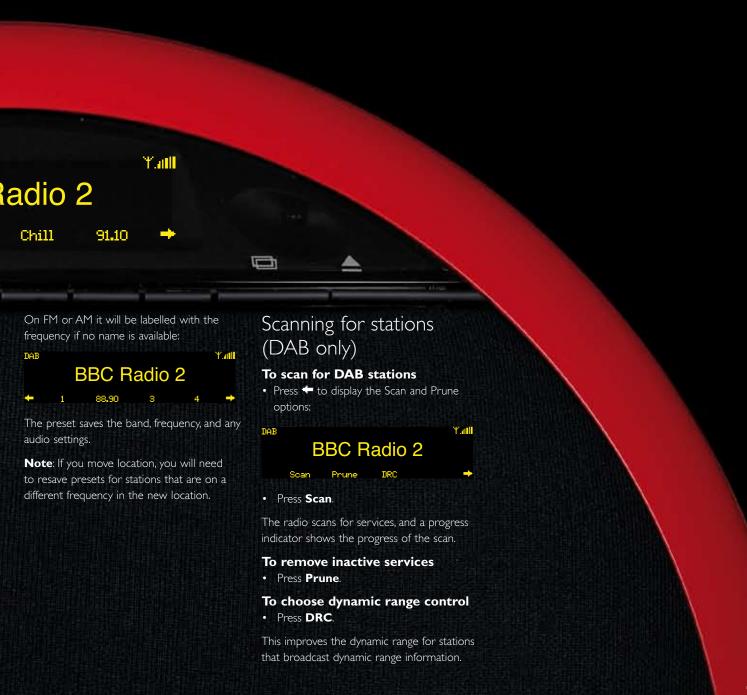


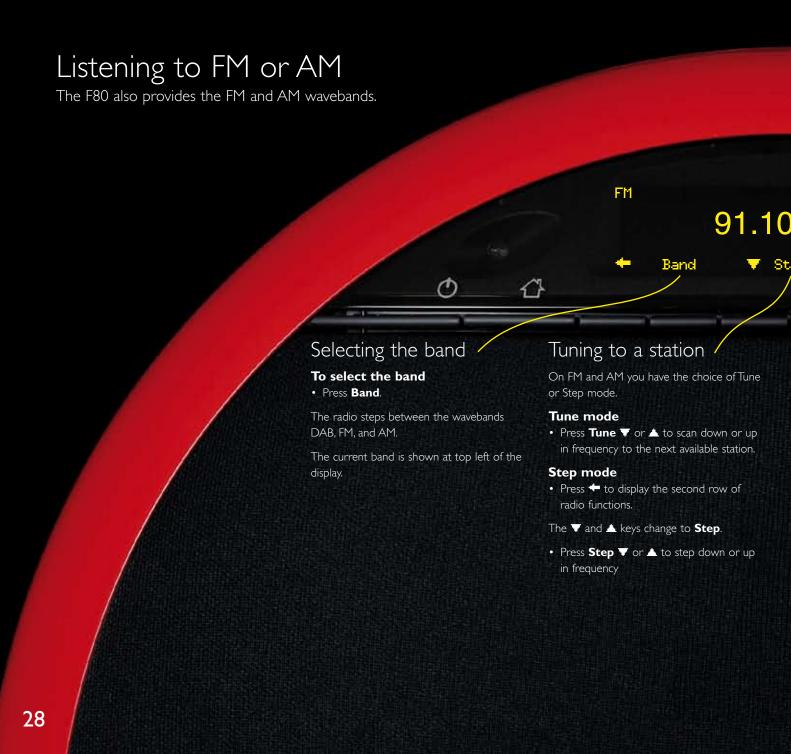
To save a preset

- Tune to the band and station you want to save.
- Hold down the preset key you want to assign to the station until its label changes to the station name or frequency.

The preset key will be labelled with the name of the station:











Setting up

In most cases you will get superb results with your F80 without altering its settings from those initially supplied. This chapter explains how you can configure the F80 to suit your preferences, and to achieve the best possible sound.

Two menus of settings are provided:

The Adjust menu allows you to adjust the clock, audio, and display brightness.

The Setup menu allows you to change the configuration of the F80.

Adjusting the F80

To display the **ADJUST** page press **(1)**, **Adjust**.

ADJUST

Adjusting the clock

To set the time

- Press **Clock** to display the **CLOCK** menu.
- Press Time.

The clock shows the current time, and prompts you to adjust the hours:

TIME 12:39:00



Adjust hours



- Press ▼ or ▲ to set the hours to the correct time.
- Press Next.

In a similar way you can adjust the minutes and seconds.

 At any stage press Set to set the time with the settings you have chosen.

To set the date

In a similar way the **DATE** menu allows you to set the date and day of week.

Adjusting the audio

The **AUDIO** menu allows you to adjust the sound of the F80 to your preferences, and to compensate for its position in the room.

Clock

To adjust the bass and tilt

 Press Audio to display the first row of the AUDIO menu.

AUDIO Bass 0.0 Tilt 0.0 Bass + - Tilt +

• Press **Bass** - or + to adjust the bass.

The bass control allows you to adjust the bass response in the room by $\pm 5 dB$ in 0.5dB steps.

 Press Tilt - or + to adjust the overall balance.

The tilt control tilts the frequency of the response over the entire frequency range to make the sound brighter or dimmer. It can be adjusted between ± 10 dB in 0.5dB steps.

Brightness 口

Adjusting the location

The second row of options on the AUDIO menu allow you to optimise the sound for the location of the F80, and adjust the stereo image width.

To adjust the location

• Press > to display the second row of the AUDIO menu.



- Press Location to set the appropriate setting: Table, Shelf, Floor, Corner, or Free.
- Press Width or + to adjust the width of the spatial image between 0 and 6.

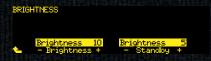
Choose a larger value if you are positioned further from the F80.

Adjusting the brightness

The **BRIGHTNESS** menu allows you to adjust the brightness of the front panel display, both in normal operation and in standby.

To adjust the brightness

• Press **Brightness** to display the **BRIGHTNESS** menu.



- Press Brightness or + to adjust the normal brightness between 1 and 12.
- Press **Standby** or + to adjust the standby brightness between 1 and 12.

As you adjust each setting the display shows the brightness you have set.

We recommend setting the brightness as low as possible to prolong the life of the display.



The **SETUP** menus allow you to configure your F80 to suit your preferences.

To display the **SETUP** menus press ♣, **Adjust**, **Setup**.

SETUP





Disc

Radio

The **RADIO SETUP** menu allows you to choose which antenna is used for each band, and choose which bands are active.

To set up the antennas

The F80 provides a choice of two antennas, **Ant. 1** and **Ant. 2**.

Ant. I is usually connected to an external rod or wire antenna via the connector on the back panel.

Ant. 2 can be switched between the internal antenna, and a second external antenna.

SETUP RADIO ANTENNAS



- Press DAB Ant., FM Ant., or AM Ant. to specify the antenna for each band.
- Press Ant. 2 to switch Ant. 2 between the internal antenna, and a second external antenna.

Examples

To receive DAB and FM in an area with high signal strength on both bands:

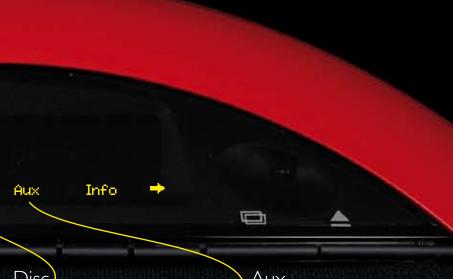
 Leave the default settings: Ant. 2 set to Internal, and DAB Ant. and FM Ant. set to 2 (Int).

If the internal antenna does not give good reception:

 Connect the rod or wire antenna to the Ant. 2 socket, set Ant. 2 to External, and leave DAB Ant., FM Ant., and AM Ant. set to 2 (Ext).

To choose which radio bands are active

- Press
 to display the SETUP RADIO
 BANDS menu.
- Press DAB, FM, or AM to choose which bands are active.



Disc

The **SETUP DISC** menu allows you to set up options for playing DVDs.

SETUP DISC

To set the aspect ratio

• Press **Aspect** to specify the default aspect ratio as LB (letterbox 4:3), PS (Pan & Scan 4:3), or 16:9.

To correct for video delays

The processing in some displays can delay the video, causing lipsync problems. The AV Sync control allows you to compensate for this.

• Press AV Sync to step between the options SHORT, MED, LONG, or MAX.

Choose the setting that gives correct synchonisation between the sound from the F80 and the video on your display.

Aux

The **SETUP AUX** menu allows you to set up the label for each of the auxiliary inputs.

SETUP AUX

To set auxiliary input labels

 Press Aux I, Aux 2, Aux 3, or Optical to set the label for the corresponding input.

By default the label is the same as the name of the input (eg Aux I), but you can set it to any of the following:

iPod, Zune, MP3, MD, or TV.

Info

Displays the version number of your F80.



The second row of **SETUP** menus allow you to configure more advanced features of the F80.

To display the second row of **SETUP** menus press

from the first row.

SETUP



Display

Locale

Display

The **SETUP DISPLAY** menu allows you to choose how the F80 display behaves.

SETUP DISPLAY





- Set Blank to Yes to include a blank display in the sequence of displays available with the B key.
- Set **Dimming** to **Yes** to automatically adjust the display brightness to suit the ambient light.

Locale

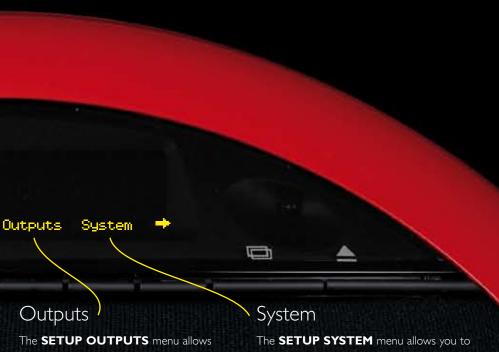
The **SETUP LOCALE** menu allows you to specify the country, for the operation of the radio, and the language of the menus.

SETUP LOCALE





- Set **Country** to the appropriate setting for your location.
- Set **Language** to the menu language you want to use.



you to mute the speakers when using the headphone output.

SETUP OUTPUTS



• Set **Headphone** to **Mute** to mute the speakers when headphones are connected, or No Mute to leave the speakers active when using the headphone output.

use the F80 with your Meridian System.

• Set MSR(+) to Enabled to operate your F80 with a Meridian MSR+ system remote.

Reset

- Press → to display the Reset and Lock options.
- Press Reset followed by Yes to reset the F80 to the default settings.

Lock

Allows you to prevent anyone changing settings on the **SETUP** menus.

To lock the SETUP menus

· Press Lock followed by Yes.

To unlock the SETUP menus

• Hold down **Setup** for several seconds until the SETUP menus appear.

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