

## MERIDIAN D600 USER MANUAL

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ing *Meridian D600*™ Digital Active Loudspeakers.  
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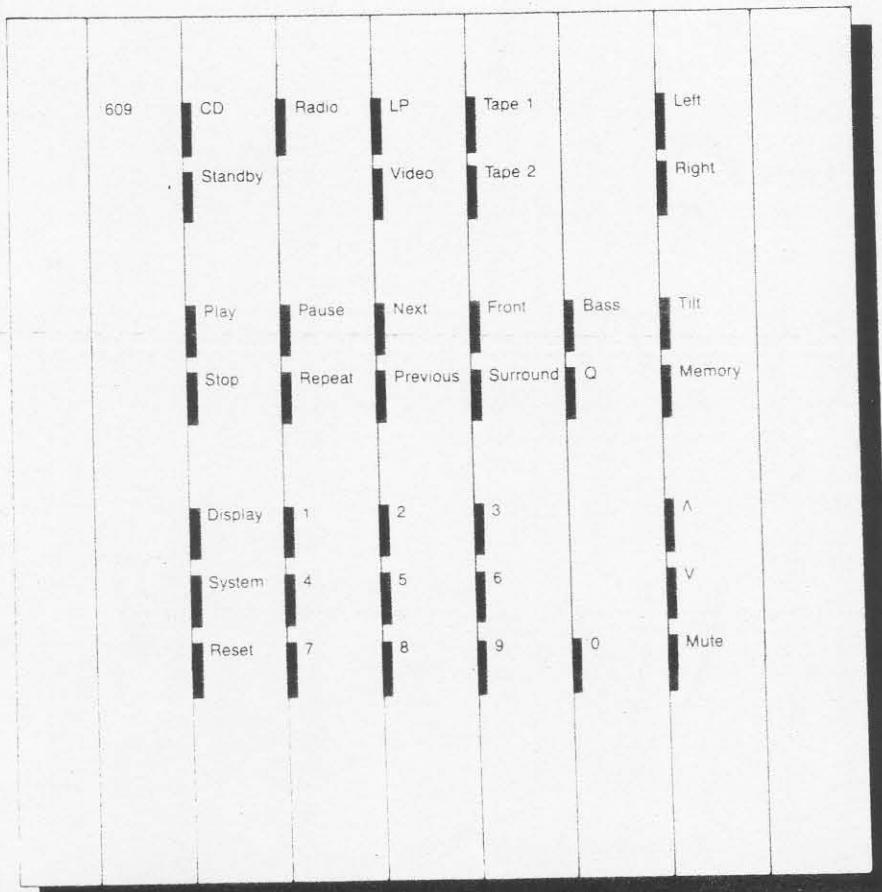
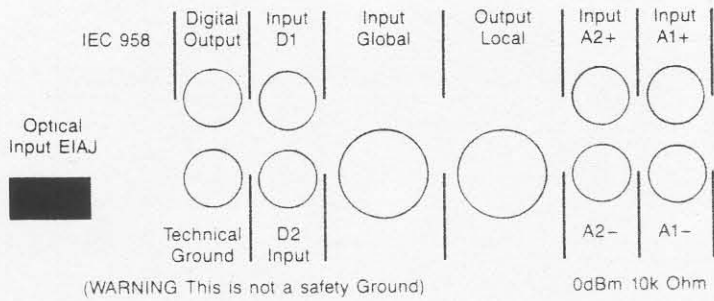
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**MERIDIAN** Digital Active Loudspeaker System D600

**SIGNAL INPUT/OUTPUT CONNECTIONS**



## 1 Introduction

Congratulations on choosing D600s! The D600 is the world's first digital loudspeaker. It is ready for the digital era and integrates with the *Meridian* 200-Series of products and Multiroom installations.

We are confident that it will give a quality to your music that is unprecedented, and bring years of listening pleasure.

Because the D600 is a sophisticated product you should read all the supplied documentation before using the D600 for the first time, particularly if you intend to customise its functions.

We have supplied a 'Getting going' sheet for those of you who want to hear the D600s now and maybe spend a little longer deciding on how best to set them up in your home.

D600s can be adjusted in many ways, however we have provided five preset configurations which cover a large number of applications. To decide which configuration to choose read section 3, and follow Appendix A of the D600 Setup Manual.

If you have any queries regarding the D600 remember that your *Meridian* dealer is selected for his expertise and you should refer to him in the first instance.

We have tried to make this unique product as simple to use as possible; it will bring you a new dimension of listening pleasure.

## 2 About this manual

This manual is for owners and users. It provides information required to operate a pair of D600s. When you understand how to use the D600s you should only need to refer to the supplied Keycard.

### 2.1 Related documentation

D600s are supplied with the following documentation:

- D600 User Manual, this manual. If the installation is already working, this and the Keycard are all you need.
- Keycard. A convenient card which describes the button functions of the 609 handset and the D600 display responses.
- 'Getting going'. A fast installation guide for a simple system. How to get music while you decide on the details.
- D600 Setup Manual which describes in more detail how the D600 works, how to achieve an installation, and how to program or customise the functions.

**NOTE** This is not the only information available about the D600. Technical information is available to retailers in two other publications:

- *Meridian* Multiroom Technical Reference Manual
- *Meridian* D600 Service Manual

### 2.2 Conventions used in this manual

The following conventions are used in this manual. A **Bold** word refers to a user-specific part of the D600, 609 or another *Meridian* product; e.g.

- **D1** socket. This refers to the input socket on the back panel labelled D1 on the input bank. **D1** stands for Digital input number 1.
- **Press CD**. This refers to a key on the 609 handset marked 'CD'.

Text between square brackets illustrates a display or cue in the front display window. e.g.

- [**d1. 27**] is the display for Digital input 1 and volume number 27.

Words appearing in the text in all upper-case italics usually refer to a status of the system; e.g. 'in *RADIO*', refers to the state after pressing **Radio** on the 609. 'In *STANDBY*' would mean after pressing **Standby**.

## 3 General background

The D600 contains some unique combinations of technology and you should bear the following in mind.

- D600 is a digital audio product and its use involves distributing digital audio signals. This is a new field and following the instructions could be important. Incorrect distribution of digital audio could lead to radio interference, noticeable errors or a lower than possible sound quality. Correct distribution will give you the best sound it is possible to have. You can use the cables we supply or others to suit your installation better.
- Each D600 is controlled by an internal computer. This interprets the commands from the 609 handset, communicates with other *Meridian* 200-Series components, operates the display and supervises the digital audio process.
- Unlike other home electronics the D600 is user-configurable. This means that you can program the D600 to interpret your commands in a convenient way. Whilst this power makes the D600 very simple to use on an everyday basis, the process of customising – if you choose to do it – may be confusing if you do not read and understand the D600 Setup Manual.
- All programmable settings of the D600 are stored a permanent memory. This memory retains information even when the AC power is removed from the D600.

### 3.1 Master and Slaves

There can be any number of D600s in one installation and they can be adjusted to give you full control.

In every room (infrared space) containing D600s one of them is chosen at *SETUP* to be in charge of that room and we refer to it as *Master*. It takes charge of coordinating the functions of the D600 installation and it communicates with the rest of the 200-Series products. *Master* is also the one that 'watches' the 609 handset and so should be placed with the best view of the room.

A normal installation uses two, one as *Master* and the other as *Stereo Slave*.

In more complex installations, e.g. those including *Dolby*™ or digital surround-sound systems there could be four or six D600s connected. In these situations you set up the extra D600s as *Surround Slaves*. See the D600 Setup Manual. When this is done correctly you have control of Front-Rear balance and of Main-Surround balance from the 609.

### 3.2 Left and Right

Since the digital audio signal is a stereo format the D600s need to know which is left and which is right. We refer to the left D600 (viewed from the listening position) as *Left*. We have not restricted you to having the *Master* on the *Left*, these two choices are independent since it affects the way the cables run in your installation.

### 3.3 Control

The D600s are operated either by commands received from the 609 infrared handset (supplied with the loudspeakers) or by commands received on the **Comms** cables of a 200-Series installation, e.g. from the front panel of a 207 or 201.

The 609 provides enough keys to allow you to drive a *Meridian* installation via the D600s, and this is the preferred method.

D600 is not *directly* operated by a 209 System handset. A 209 can operate some of the D600 functions if you have a 207 or 201 in the same room as part of the installation however the 209 can still access features of the other products not catered for by the 609.

Facing Page 1 is a diagram of the top of the 609 and the key legends.

### 3.4 Display

D600 displays information to help you operate it. See the diagram of the front glass window area facing Page 1. Display information can include:

- **System 1** (red) and **System 2** (yellow) lights
- Blank display [ . ]
- *STANDBY* indication [ . ]
- *SETUP* indication during programming

- Selected source type
- Selected input connection
- Volume number
- Muted condition
- Track and time information when the source is a digital one that includes these codes – e.g. CD
- Error messages
- CD track selection if used with a *Meridian* 207
- Frequency, Preset number and Preset selection when the installation includes a *Meridian* 204 FM tuner

For a full list of displays see Appendix A.

**NOTE** Using the **Display** key you can change the speakers *Master* display. E.G. a *Slave* will display source and volume while the *Master* could display track, time or frequency.

**NOTE** Only *Master* can display track, time or tuner information.

## 4 609 handset

The 609 remote control handset uses infrared transmission to operate the D600. It uses a PP3 battery (supplied but not installed).

When a key is pressed, a flashing yellow light shows on the 609. This light becomes inconsistent or weak when the battery needs changing.

Normally the battery will last up to a year. You are recommended to change the battery routinely every six months since there are no front-panel controls on the D600 and the system requires the 609.

To fit the battery, place the 609 face-down on a clean soft surface. Remove and retain the four screws which secure the bottom cover plate. Lift off the plate and carefully fit the battery to its connector. Place the battery in its lined compartment, replace the bottom cover plate and refit the screws.

To check the 609 press any key, look for the flashing yellow light.

**NOTE** Do not store the unit where it may get hot.

**NOTE** Do not allow the 609 to become wet. If drinks are accidentally spilt on it, remove the battery and let the 609 dry out. If necessary consult your dealer.

**NOTE** Do not store the unit face-down or rest objects (e.g. magazines) on top of the 609. This could cause one of the keys to be pressed and the battery life to be considerably shortened.

**NOTE** Additional 609s can be obtained from your dealer if you would prefer to have more than one.

## 5 Operation

First install the D600s using the information in the D600 Setup Manual.

### 5.1 Starting off

The power switch is at the back of the D600 adjacent to the power inlet. Normally the D600 should be left switched on, even when the unit is not in use. The sound quality of the unit is at its best when the temperatures of the components have reached normal working levels; this takes about one hour.

You should however switch off all audio equipment if you expect to be away from the house for an extended period.

- Switch on the power to the sources e.g. 207 etc. but for now do not start them playing.
- Switch on the *Master* D600 at the back. A small green light will show in the window. [ . ] This is the *STANDBY* display.
- Switch on the *Slave* D600 at the back. A small green light will show in the window. [ . ]

D600 is shipped set for the most common installation:- one using the full features of a *Meridian* 207 CD player. We call this a Type 1 installation. For more details see Appendix B1 of the D600 Setup Manual.

To start the system press any of the six input keys on the 609 **CD, LP, Radio, Video, Tape 1, Tape 2** e.g.

- Press **CD**

In a Type 1 system this will select the physical input **D1** and both D600s display [**cd. 31**].

Here 'cd' means the source is a CD-player and the D600 expects a *Meridian* 207 that can be controlled. 31 is the volume number. If your CD-player is not a 207 you can still listen to it, but the 609 will not control it.

For a list of possible displays see Appendix A.

The 207 will have come out of *STANDBY* and be showing [----].

To shut the system down:

- Press **Standby**

If the connections are correct both D600s and other *Meridian* components should revert to the *STANDBY* condition. **NOTE** If they do not you may have a *Multiroom* installation – see Appendix B7 of the D600 Setup Manual.

### 5.2 Inputs

To switch from CD to another input, say Radio:

- Press **Radio**

In a Type 1 system this will select **Line** on the 207 and **A1+** on the D600s.

Both D600s display [**rd. 31**].

Here 'rd' means the source is a radio tuner and the D600 expects a *Meridian* 204 that can be controlled and displayed. 31 is the volume number. If you have analogue cables connecting the **Variable** outputs of the 207 to the **A1+** inputs of the D600s you will hear the source connected to the **Line** inputs of the 207.

The other inputs to the unit, **LP, Video, Tape 1** and **Tape 2** can be selected in like manner.

In a Type 1 system pressing:

- **LP** shows [**LP. 31**] and the **LP** input of a 207 is engaged.
- **Video** shows [**SA. 31**] for **Tape 4**. The D600 optical input is selected. As there is no **Video** input to the 207 this signal goes direct to the D600s. SA may mean satellite broadcast.
- **Tape 1** selects the **Tape** input of the 207 and displays [**t1. 31**]
- **Tape 2** selects the D600 **D2** input and displays [**dt. 31**]. e.g. for **DAT**.

### 5.3 Volume

Press **CD** again to restore the display [**cd. 31**].

To raise or lower the volume, press the upper or lower **red key**. The volume level displayed should count up or down and ranges from [ 1 ] to [ 64]. Each step is 1.25dB.

Subjectively one judges a volume increase of 9dB to be equivalent to a doubling of loudness so each volume number represents about a 15% change in loudness, seven or eight steps to double loudness.

### 5.4 Mute

To mute the sound press **Mute**.

The display now shows that the sound is attenuated [**Att.** ].

To demute (restore the sound level) press **Mute**

The **Mute** key 'toggles' between mute and demute.

### 5.5 Playing a CD

Start up your CD player in the normal way. If all is well you will soon hear the music. If you do not, check all connections and if necessary refer to the D600 Setup Manual.

### 5.6 Displays

- With the CD playing, press **Display**.

The display on the *Master* should change from [**cd. ##**] to a display like [ 1 ]. Here 1 is the track number; obviously the D600 will display the number of the current track on the disc.

If the disc includes significant index points the display will be like [ 3.4 ] meaning here, track 3 index point 4. In theory with the right disc, we could see displays of track and index up to [99.99]. Index point 1 is never displayed.

While the CD player is loading a disc, (reading the disc's directory of contents), the D600 will show the directory message [dir. ]. At the end of a CD the D600 will detect the lead-out track and momentarily display the message [End ].

- With the disc playing press **Display** again. You now see a time display like [12.34], counting up as the disc plays.
- Press **Display** again. You now have a display of time in the current track e.g. [ 2.04], also counting up as the disc plays.
- Pressing **Display** again reverts to [cd. ##] where ## is the current volume level.

One useful way to use D600s is to leave the track display on *Master* since the *Slave* is always displaying the volume [cd. ##].

If the CD player is in the same room you can adjust its display to give you additional time information.

## 5.7 Balance

If you are playing a CD press **Display** enough times to get the permanent display [cd. ##]. This will allow you to better understand the functioning of the balance control but it is not essential.

Press **Left**. The *Master* will put up a momentary display [L 1] showing that you have moved the balance one volume number towards the left. After a few moments the displays will revert to [cd. ##] form but you will now see that the left speaker has a volume number one greater than the right.

Press **Left** again a few times and watch the numbers. You will see the right speaker decrease volume number. The maximum offset of balance is [L 31] or [r 31].

To move to the right press **Right**.

To restore the centre position quickly you can:

- Press **Reset**.

## 5.8 Use of balance controls

To a large extent balance control is not required in this era. The balance control had the following roots:

- Valve (tube) amplification equipment which cannot maintain stable gain over its lifetime.
- Mechanical pick-up devices (e.g. cartridges) which have typically 1–3dB variation in channel balance.
- Recordings out of balance.

Unfortunately the use of the balance control has been misunderstood. It has been assumed that you can use it to move the image to one side, perhaps to compensate for a non-central listening position or a highly asymmetric layout.

This is absolutely not the case – stereo relies on time differences between the signals from the channels. To get the best out of the D600 or any stereo system you should be in the correct position in relation to the speakers.

The only function for a balance control in a modern system is to correct recording balance and to compensate for analogue pick-ups.

## 5.9 Tilt controls

Tilt controls are combination controls that slope the frequency response of the system slowly over the frequency range to make the sound brighter or dimmer. They are less crude than conventional tone controls. The responses of the tilt controls in D600 are shown in Appendix B.

To adjust the tilt press **Tilt**. The *Master* display will momentarily show [t. 0]. When you press **Tilt** the current setting is reviewed. This allows you to ask the D600 what its tilt setting is.

**NOTE** We call this kind of display a *Cursor* – in this case the *Tilt cursor*. D600 uses several cursors to access functions like tilt, bass, memory, track and preset selection and multichannel balances. A *cursor* is changed by using a following key, to get rid of a cursor either:

- Wait a few seconds or:
- Select another cursor or:
- Hit another (benign) key.

To change the tilt, use the volume **Red** keys.

- Press **Volume up** while the [t. 0] cursor is up, the display will change to [t. 1] and the sound will get a little brighter. Press **Volume up** again and the display will move to [t. 2]. To dim the sound press **Volume down**. The tilt can be adjusted between [t. 5] and [t. -5].

After a few seconds the *Master* display will revert from [t. #] and the volume keys take on their normal meaning.

To restore the flat condition press **Reset**. (Note this also restores balance).

- To store a tilt setting see, 5.12.
- To recall a tilt setting, see 5.13.

The tilt control allows you to adjust the broad balance of the D600 to correct for the acoustics of your listening room, or for a misbalanced recording.

Normally between [t. 1] and [t. -2] will give the most natural result.

All D600s in the installation take on the same tilt setting as the *Master*, this is essential for correct stereo.

## 5.10 Bass

The **Bass** control allows you to adjusted the bass response in the room. Three positions are provided. Press **Bass**. The *Master* will now display one of the bass positions:

- bass boost [b. 1], for use when the D600s are remote from wall boundaries and hence are not assisted in the low end by the walls.
- Bass flat [b. 0], normal position.
- Bass cut [b. -1], for use when one or both of the D600s are near to a corner and close to a solid back wall.

All D600s in the installation take on the same bass setting as the *Master*, this is essential for correct stereo. The frequency responses of these positions are shown in Appendix B.

To change between the bass settings use the volume up and down **red keys** while you have the bass cursor display up. e.g.

- Press **Bass**, the *Master* display [b. 0]
- Now press **Volume up** and see the display change to [b. 1].
- Press **Volume down** to return to [b. 0].

After a few seconds the *Master* display will revert and the volume keys will take on their normal meaning.

- Experiment with the sound of the settings. If you are not sure set it to [b. 0].
- To restore the setting at any time press **Reset**.
- To review the setting at any time press **Bass**.
- To store a setting, see 5.12.

**NOTE** As the bass setting is adjusted the D600 also modifies the volume number, this is done to maintain the same loudness as the frequency response is adjusted.

### 5.11 Q

The **Q** key controls the response shape for the deepest notes. Its effect is subtle and if there is no real information in the recording around 40Hz you may not easily hear a result.

- Press **Q**. The display will respond with either of the messages [CUT ] or [FLAt].

This first press of the **Q** key reviews the **Q** setting. When you can see either of the above displays you can change to the other by pressing **Q** again.

Pressing **Q** toggles between:

- A low 'Q' cut off at 40Hz [Cut ]. Use this when the D600 is close to walls or in a smaller room
- The normal 'flat' response [FLAt].

See the curves in Appendix B.

Experiment with the sound of the settings. If you are not sure set it to bass flat.

- To restore the setting at any time press **Reset**.
- To review the setting press **Q** *once* when the display is not [CUT ] or [FLAt].
- To store a setting, see 5.12.

### 5.12 Storing tone settings

At any time you can store the settings for **Q**, **Bass** and **Tilt**. The stored settings are recalled by the **Memory** key.

If you are in any doubt store the factory default settings which are:

- [t. 0]
- [b. 0]
- [FLAt]

To store the current settings get into a tilt, bass or **Q** cursor. For example get the **Bass** review display by;

- pressing **Bass** *once*. The display [b. #] reviews the setting.
- While this display is up press **Memory**.

The D600 responds with store message [Sto. ]

### 5.13 Recalling tone settings

At any time the tone settings stored in the D600 can be recalled. When the display is normal – i.e., not a tone cursor:

- Press **Memory**

The D600 will respond with [rEc. ].

You can now compare the composite setting. Use the **Reset** key to restore a flat response, then **Memory** to recall the stored settings.

### 5.14 System

On most installations the **System** key will be inactive. It is used in *Meridian* Multiroom installations or to allow the control of two sources of the same type, e.g. two 207s.

The **System** key normally allows you to move from System 1 (red light in display) to System 2 (yellow light in display) to system Local (both lights).

System 1, 2 and Local do not refer directly to physical inputs – System is rather a control concept. See Appendix B of the D600 Setup manual.

### 5.15 Selecting other sources

In the Type 1 installation the D600s can be connected with:

- A second CD player, DAT machine or any other digital source to **D2**. (Not 32kHz). The D600 is setup in Type 1 to assume a DAT machine. Select it by pressing **Tape 2** on the 609. D600 responds with the display [dt. ##] where 'dt' stands for digital tape and ## is the volume number.
- An optical source to **Optical**. This is selected with **Video** and the display shows [SA. ##], SA stands for satellite. This input can also be used for a DAT or CD player.
- The variable output of a 207, see section 5.16, or the output of a tuner, to **A1+**. If the source is just a tuner, press **Radio**, the D600 assumes a 204 in Type 1 and shows the display [rd. ##].
- An analogue tape-recorder to the **Tape** input of the 207. Press **Tape1** and the D600 will select this source and respond with [t1. ##].

To get back to CD press **CD**.

To close the system down press **Standby**, the D600 will revert to a display showing a small green dot [ . ] to notify that the unit is powered.

Bring the system back with an input key e.g. **CD**, or for example by pressing the **Play** key on the front panel of the 207 if the 207 is also in **STANDBY**.

Remember that there are hundreds of possible configurations and displays. In the end you should select the one that is most appropriate to your needs, either from the standard options laid out in the D600 Setup Manual or by customising.

## 5.16 Use with 207 CD player

If your CD player is a *Meridian 207* and you have proceeded with the default Type 1 setup then the 207 is catered for.

In the Type 1 installation you do not need to use the *Meridian 209* handset unless you want to operate the following functions of the 207 remotely.

- Fast scan, forward and back
- Index-point access. (Track selection of course is available).
- Phase. D600 always plays positive phase.
- Programming remotely using **Store** or **Cancel**.

The preferred method of operating the system is to use the 609 handset provided with the D600. You can of course use the 209 for the above functions and to drive the 207 directly.

### 5.16.1 Playing a disc

Using 609, the following keys operate the 207. For fuller details of the capabilities of 207 refer to its user manual.

- To start a disc press **Play**.
- To stop the disc press **Stop**.
- To pause the disc press **Pause**, the **Pause** light on the 207 will light. If the D600 *Master* was displaying track or time it will display [PSE. ]. To start it again – 'unpause' – press **Pause**.
- To cause a disc to repeat press **Repeat**.

### 5.16.2 Selecting tracks

- To move on to the next track at any time press **Play**.

**Next** and **Previous** can be used, as on the 207 front panel, to select a track number. This will result in the 'select cursor' display. For example:

- Press **Next** repeatedly until you see the select track 5 display [S. 5]. Track 5 is now engaged with either **Play** or **Pause**. If you select a track with **Pause**, the 207 will wait at the start of the track waiting for an 'unpause' with **Pause**.

The D600 uses convenience switching so that it directs instructions from the 609 to the current source. To select tracks by number you do not need to worry about **Track** and **Preset** buttons like on the 209.

To select a track by number press the number key or two numbers in succession. For example:

- To select track 6 press 6. The D600 will respond with the display [S. 6]. To engage this selection press **Play** or **Pause**.
- To select track 15 press 1 then 5. The D600 will show [S. 15]. Then press **Play** or **Pause**.

If you select a track that does not exist on the disc the D600 will show an error message [Err. ].

### 5.16.3 Selecting analogue sources via 207

A Type 1 installation as shown in Appendix B1 of the D600 Setup Manual allows you to connect the variable outputs of the 207 to the A1+ inputs of the D600s. We use the variable output of the 207 because this is the preamplifier output and can therefore select any analogue source connected to an input of the 207.

The sources are connected to the 207 like this:

- Turntable to the LP input (if a 215 module is fitted to the 207).
- Tuner to **Line**. If the tuner is a 204 ensure that the correct **Comms** connections are made.
- Cassette recorder to **Tape in** and **Tape out**.
- Set the 207 using its **yellow keys** to volume number 48.

The operation of this system is best explained in an example and by trying it. To select the tuner:

- Press **Radio** on the 609 (or **Line** on the front of the 207).

The following will happen automatically:

- The D600 *Master* will tell the 207 to switch to its **Line** input.
- 207 will light the **Line** button and change its display to [L. 48].
- The D600s will engage their A1+ inputs allowing the output of the 207 i.e. the tuner to be heard and display [rd. ##].

If the tuner is a *Meridian 204* please see section 5.17.

You normally need never touch the volume setting of the 207 since it should remain fixed. Volume number 48 is suggested as the starting position since this is unity gain, however you can now adjust the volume of the 207 to make the radio equally loud with the direct digital inputs to the D600 and then leave that setting alone. Volume control in normal use must be via the 609.

**NOTE** when correctly wired in the Type 1 installation the volume number of the 207 will not move in response to 209 or 609.

- To listen to the LP input press **LP** on the 609 or 207, the D600s will respond with [LP. ##].
- To listen to the cassette recorder press **Tape 1**. The D600s will display [t1. ##].

## 5.17 Use with 204 FM tuner

When the 204 is the system tuner it can be controlled by the 609.

Select the 204 with **Radio**. The display will show [rd. ##] where ## is the volume number. The rd. display suggests that the D600 is expecting the tuner to be a 204 that it can control. In other setups, e.g. Type 4, it may expect another make of tuner that it cannot control. Such a tuner is engaged with the display [tu. ##].

The 204 can only be driven from the 609 when **Radio** is selected and you can see the [rd. ##] type of display on one of the D600s.

To select a preset station, e.g. preset 4:

- Press **4**. The D600 will show a select cursor display [**S. 4**].
- Either press **Play** or wait one second. The 204 will go to preset number 4.

To select a higher preset, e.g. 23:

- Press **2** then **3**. The D600 will display [**S. 23**] and then the 204 will go to preset 23.

The *Master* D600 can display the preset number of the tuned station or its frequency. For example if we had tuned to 92.3MHz and stored it on 204 preset number 3, then press **Display** repeatedly and watch the *Master* rotate its display between:

- [rd. ##] (the same as the *Slave*).
- [P. 3] meaning preset 3.
- [ 92.3] 92.3MHz.

The D600 cannot show the time displays of the 204.

#### 5.17.1 Use of 204 timer function

The 204 has a timer function which can turn on a complete system or change its settings at some point in the future. The timer function acts directly on a 201, 207 or D600s connected to the 204.

To use the timer with the D600s do the following:

- Set the D600s to the condition you want when the timer goes off. i.e. set source and volume for alarm time.
- Set the 204 for the condition you want at alarm time. i.e. chose a preset.
- If you are using a 207, set it to the required condition *PLAYING* or *NOT PLAYING*.
- Press **Mode \* Timer** on the 204, this causes the products to store this setup.
- Adjust the timer as described in the 204 manual. Set the timer with **Timer**.
- Use the system, or put it into *STANDBY*.

At timer time the system will go to the programmed condition.

#### 5.18 Using D600 with 201

If you wish to use a 201 with the D600 then you must either use standard setups type 2 or 3, or use the full setup procedure.

To operate a Type 2 system, set the 201 to external volume control as described in the 201 manual. We suggest you start at volume number 48.

Input selection of the 201 in a Type 2 system is as follows:

- **Radio** selects the 201 radio input and the D600 shows the display [rd. ##] where ## is the current volume number.
- **LP** selects the 201 LP input and the D600 shows [LP ##].
- **Tape 1** selects the 201 Tape 1 input.

The other input keys on the 609 select direct D600 inputs as laid out in Appendix B2 of the D600 Setup Manual.

If you want to use more inputs on the 201 and not the direct inputs to the D600 then configure a Type 3 system shown in Appendix B3 of the D600 Setup Manual. Here:

- **Video** selects the video input of the 201 and the D600s display [t4. ##].
- **Tape 2** selects the Tape 2 input on the 201 and the D600s display [t2. ##].

#### 5.19 Use with 201/2 or 202

201/2 and 202 are designations that describe a 201 fitted with a System 2 board.

For installations of this type you may have to do a full custom setup as described in the D600 Setup Manual Appendix B7 or you may be able to use Type 3 described in Appendix B3.

The **System** key on the 609 will allow you to switch between **System 1** and **System 2** of the 201/2.

- Connect **System 2** output of the 201/2 to the **A2+** inputs of the D600.

### 6 Setting up D600

D600s are shipped from the factory set up for a Type 1 system. For more information refer to the D600 Setup Manual.

### 7 Maintenance

#### 7.1 Cleaning

Disconnect the power cord before doing this.

The top of the front of the D600 is glass set in a plastic frame. To clean the plastic do not use abrasive cleaners or solvents. A barely damp chamois leather is recommended.

The cabinet is constructed from fine Finnish birch plywood with a fine veneer. You may protect and treat this wooden finish in the normal ways with polish or wax.

The grille should not be cleaned. If it becomes dusty a very gentle vacuum cleaning may be possible. To remove the grille hold it in the centre of each side and gently pull away from the cabinet. It may help to ease it off the restraints.

**DO NOT** pull the grille away from the top or it may break!

The audio sockets are gold plated, and where gold-plated phono plugs are used there should be no need for cleaning of the contacts. For non-gold-plated phono plugs, it is good practice to unplug and re-plug the plugs at least once a year. Some proprietary contact cleaners may be used to some advantage, but you should seek your dealer's advice.

One or two days after installation check the tightness of the screws retaining the drivers. These screws may loosen in shipping or with extremes of temperature or humidity, and the speaker will not sound at its best if these are loose. These screws should be checked every few months particularly if the speakers are played loud for extended periods of time.

No routine maintenance of the electronics is required. There are no user-serviceable parts inside the D600.

## 8 Service

There are no user-serviceable parts inside the D600. Should the unit need service, contact the dealer who supplied it or, in case of difficulty write to:

- In the UK, Boothroyd Stuart Ltd.  
13 Clifton Road, Huntingdon,  
Cambridgeshire, PE18 7EJ.
- In the USA, Meridian America Inc.  
14120-K Sullyfield Circle, Chantilly, VA 22021  
Tel (703) 818 3028, Fax (703) 830 7825
- Outside the UK, contact the importing agent for the territory. A list of *Meridian* agents abroad is available from the above addresses.

The owner is responsible for the Product during transit therefore we recommend that you retain the original packing.

## 9 Guarantee

The D600 is guaranteed against defects in material and workmanship for 12 months from the date of purchase.

The guarantee is void if the product has been subject to misuse, accident or negligence, or has been in any way modified without Boothroyd Stuart Ltd. written authorisation. Attempted servicing by unauthorised people may result in loss of guarantee.

Labour and carriage charges are not covered unless by local agreement.

When seeking service under guarantee, it is necessary to produce dated proof of purchase.

Outside the UK local warranty liability is restricted to equipment purchased within the territory. Our agents abroad are only under contractual obligation to service under guarantee equipment sold through them. They are entitled to make a non-refundable charge for any service carried out on equipment not supplied through them.

This guarantee does not limit your statutory rights within the UK.

## 10 Keys

In the following list keys and expected displays are shown. (## means volume number ##, # is any digit).

<b>Red key</b>	volume up and down. [ ## ]	<b>Tilt</b>	Reviews tilt setting [t. #]. Followed by <b>Volume up</b> or <b>Volume down</b> selects between tilt settings. This display is self-canceling.
<b>Mute</b>	mutes and demutes the sound. [Att. ]	<b>Mem</b>	While you have a bass, tilt or Q display [b. #], [t. #] or [Cut ] stores current settings for bass, tilt and Q. [Sto. ]
<b>CD</b>	CD source [cd. ##] or [Cd. ##]	<b>Mem</b>	Recalls stored tone settings when display is normal. [rEc. ]
<b>Radio</b>	radio tuner [rd. ##] or [tu. ##]	<b>Display</b>	When CD and a disc is playing, rotates the Master display between:
<b>LP</b>	turntable source [LP. ##]		input and volume [cd. ##]
<b>Tape1</b>	First tape, default digital [t1. ##]		track display [ #]
<b>Tape2</b>	Second tape, default cassette [t2. ##]		disc time [##.##]
<b>Video</b>	Video source, satellite or Tape4 [t4. ##] [SA. ##]		track time [ #.##]
<b>Standby</b>	Puts D600 and other Meridian products into STANDBY. [ . ]	<b>Display</b>	When RADIO from a 204 rotates the Master display between :
<b>Left</b>	Moves balance to the left. [L. #]		input and volume [rd. ##]
<b>Right</b>	Moves balance to the right. [r. #].		preset display [P. #]
<b>Play</b>	When CD starts 207 playing or moves to next track.		frequency [####.#] MHz
<b>Play</b>	When RADIO actions preset select cursor on a 204. [S. #].	<b>System</b>	In Meridian Multiroom installations moves between:
<b>Play</b>	When RADIO moves to next preset selection on a 204. [S. #].		System 1, <b>red</b> light in window
<b>Stop</b>	Stops 207 playing if you are listening to it.		System 2, <b>yellow</b> light in window
<b>Pause</b>	Pauses and unpauses a 207		Local, both lights in window
<b>Repeat</b>	Causes 207 to repeat a disc.	<b>Reset</b>	Resets all tone and balance controls to the flat setting.
<b>Next</b>	When CD brings up the track select cursor [S. #]. (Engage with Play)	<b>0-9</b>	Numbers for track and preset selection.
<b>Next</b>	When RADIO from a 204 brings up the preset selector [S. #]. (Engage with Play or wait one second).		
<b>Prev</b>	As Next		
<b>Front</b>	Followed by volume up or down moves multichannel image forward or backwards. [F. #]		
<b>Surr'nd</b>	Followed by volume up or down raises or lowers the relative levels of surround speakers. [E. ##]		
<b>Bass</b>	Reviews bass setting [b. #]. Followed by volume up or down selects between bass settings. This display is self-canceling.		
<b>Q</b>	Bass roll-off control, on [Cut ] or off [FLAt]. First press shows current setting, next presses toggle the setting. This display is self-canceling.		

## Appendix A

### D600 display options

#### A1 Source displays

Source type selection is displayed along with the volume number ## in the following displays:

- [cd.##] 207 source
- [rd.##] 204 source
- [LP.##] turntable source
- [t1.##] Tape 1 source
- [t2.##] Tape 2 source
- [t3.##] Tape 3 source
- [t4.##] Video/Tape4 source
- [tu.##] non-Meridian tuner
- [SA.##] Satellite or other 32kHz digital
- [dt.##] DAT
- [Cd.##] non-Meridian CD source
- [nA. ] not available (momentary).

These are the 'normal' displays of the D600.

Change is automatic on switching sources.

#### A2 Input displays

In test mode we have D600 inputs displayed with volume number ##:

- [d1.##] D1 input selected
- [d2.##] D2 input selected
- [A1.##] A1 input selected
- [A2.##] A2 input selected
- [OP.##] Optical input selected
- [L1.##] D1 input selected 32kHz
- [L2.##] D2 input selected 32kHz
- [LO.##] Optical input selected 32kHz

Change is automatic on switching sources.

#### A3 CD displays

Using **Display** the *Master* can show:

- [ #] track # display
- [ ##] track ## display
- [ #.#] track # index # display
- [##.##] track ## index ## display
- [End ] display of end of CD.

OR:

- [##.##] disc-time display (counting)

OR:

- [ #.##] track-time display (counting)

If the CD player is a 207:

- [dir. ] 207 is loading the disc.
- [----] No disc loaded in the player
- [--##] A disc with ## tracks is loaded, but it is stopped.
- [ ---] A disc stopped with time display selected.
- [ --] A disc stopped with track-time display selected.
- [Pse ] The cd player is paused.

#### A4 204 tuner displays

Using **Display** the *Master* can show:

- [###.#] Frequency in MHz

OR:

- [P. #] preset number.

#### A5 Select displays

When using a *Meridian* 204 or 207 preset numbers or tracks can be selected with **Next** or **Prev**, or with numbers.

- [S. #] is a select display.
- If on *CD* use **Play** to action
- If on *Radio* use **Play** to action, or wait.

#### A6 Tone control displays

Tone controls can be reviewed or modified when their cursors are up. The cursors are:

- [b. #] bass shelf cursor
- [t. #] tilt cursor
- [FLAt] Q set flat
- [CUt ] Q set low

#### A7 Memory displays

- [Sto. ] Store
- [rEc. ] Recall
- [rES. ] Reset

#### A8 Balance displays

- [L. #] balance set # to left
- [r. #] balance set # to right
- [F. #] front/rear balance
- [E. #] effect balance

#### A9 Error displays

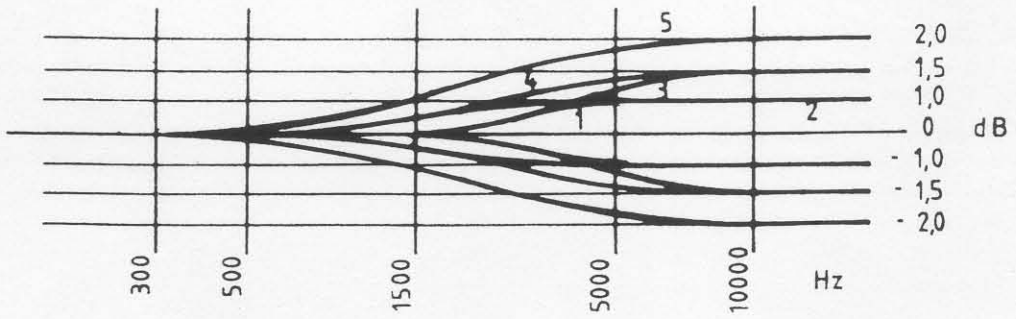
- [Err. ] You have tried to select a track or preset that does not exist.
- [nA. ] You have tried to select a system or input source that does not exist.
- [boot] A boot error has occurred, the D600 needs to be reprogrammed.
- [junk] A display of meaningless characters indicates that electrical interference has disturbed the microprocessor and that it will be necessary to switch the D600 off and on. No harm will have resulted if it reboots normally.

#### A10 Version number

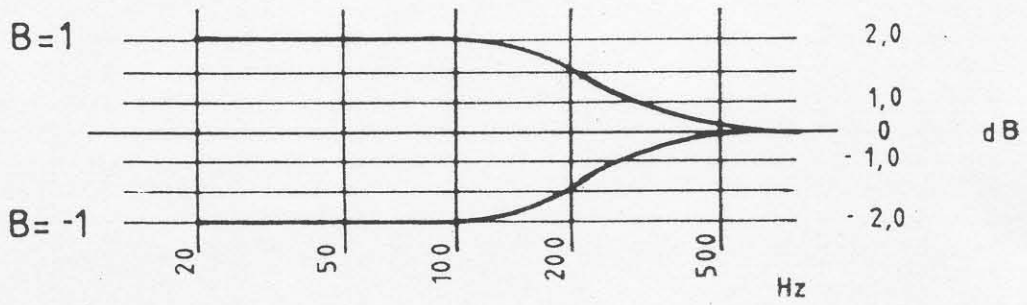
The version number of the software in the D600 can be seen in *STANDBY* by pressing **Display**. The D600 will respond [ x.x] where x.x is the version.

Appendix B

TILT



BASS



Q

