

BOOTHROYD STUART
MERIDIAN

INSTRUCTION MANUAL

209	CD	Radio	LP	Tape 1	Line
	Standby		Video	Tape 2	Tape 3
	Play	Stop	Pause	Next	Store >>
	Repeat	Display	∅	Prev	Cancel <<
	Presel	1	2	3	∧
	Track	4	5	6	∨
	*	7	8	9	0
					Mute

MERIDIAN 209 MASTER CONTROL INSTRUCTION MANUAL

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1 Introduction

- 1.1 The 209 remote control unit is designed to operate with the Meridian 200 series of high fidelity components. It operates without wires, and is powered by a PP3 battery (supplied but not installed). Instructions for fitting the battery are to be found in section 1.8.
- 1.2 The 201 PRE AMPLIFIER and the 207 COMPACT DISC PLAYER both have receiving eyes for accepting commands from the 209 remote control unit. The 204 FM TUNER does not itself have a receiving eye, although when it is linked into a system based either on the 201 or the 207, the remote control unit controls the tuner.
- 1.3 The infrared transmission from the 209 travels by line-of-sight although it can often reflect from walls to arrive at the receiving eye. It is therefore sensible to site the 201/207 where they can be "seen" by the 209. The transmission from the 209 emanates from the side adjacent to the top edge, and this edge should be directed towards the 201/207 when you use the control.
- 1.4 When a key is pressed, an indicating light on the 209 shows, and this light becomes weak or non-existent when the battery needs changing. How to change the battery is described in 1.8.
- 1.5 Inside the front cover of this booklet is a diagram of the keys which can be opened out for reference when consulting the text. At the end is an index which contains the key titles, and these are shown in heavy type.
- 1.6 The 209 cannot switch on and off the power to the 207 or 201 or 204. These units are designed to operate with power supplied and switched on (STAND-BY) even when the system is not in use. The three conditions to be distinguished are:—

SWITCHED OFF (power switches at the back of the units OFF)
STAND-BY (power switches at the back of the units ON and
STAND-BY key only illuminated)
STARTED UP (equipment functioning)

To distinguish between switching off and moving to the stand-by state in the text we use the phrase "shutting down" to indicate going to stand-by.

1.7 WARNINGS.

DO NOT STORE THE UNIT ON TOP OF POWER AMPLIFIERS OR CENTRAL HEATING RADIATORS OR WHERE IT IS SUBJECTED TO DIRECT SUNLIGHT.

DO NOT CLEAN WITH A WET CLOTH OR ALLOW THE UNIT TO BECOME WETTED.

DO NOT PLACE OBJECTS ON TOP OF THE UNIT BECAUSE THEY MAY CAUSE THE KEYS TO BECOME DEPRESSED AND THEREBY SHORTEN THE LIFE OF THE BATTERY. FOR THE SAME REASON, STORE THE UNIT FACE UPWARDS.

DO NOT THROW AWAY THE ORIGINAL PACKING. RETAIN AND RE-USE SHOULD THE UNIT NEED TO BE RETURNED FOR SERVICE.

1.8 Battery fitting.

Invert the 209 on a clean soft surface. Remove and retain the four screws which secure the bottom plate. Lift off the plate and carefully take out the battery connector. Snap the connector onto the battery terminals and replace the battery. Replace the bottom plate and refit the screws.

2 **Operating the 207 CD player with the 209 Remote Control Unit**

2.1 The controls for the 207 are almost the same as the controls on the front panel of the 207, but remote control operating will be described here in full.

2.2 Since no point would be served by opening the drawer remotely, no provision has been made for this. Control of the CD is therefore limited to the disc on the machine.

2.3 To play a disc

press

PLAY

Notice that this action "starts up" the 207, that is, it switches it out of the "stand by" condition.

2.4 To adjust the volume, press either red key. After pressing the red volume up or down keys, the display momentarily shows the volume level. The steps are numbered from 1 to 64.

2.5 To mute the music

press

MUTE

The display on the 207 will now show (e.g.)

"A. 35"

where 35 was the volume level before the MUTE was pressed. The A stands for "attenuate".

To un-mute the music

again press

MUTE

2.6 To change to the next track on the CD

press

PLAY

2.7 To stop the music temporarily

press

PAUSE

To continue playing

again press

PAUSE

The PAUSE key toggles between pause and continue.

2.8 To play the previous track

press

PREVIOUS—PLAY

2.9 To scan fast forwards or backwards

press

» or «

2.10 To replay a track

press

TRACK—PLAY

2.11 To repeat a track endlessly

press

TRACK—STORE—
REPEAT—PLAY

2.12 To stop the music

press

STOP

2.13 Remote programmed operation can be accomplished in one of two ways as with direct operation, but using the numbered keys is the preferred method because it can be done without having to read the numbers in the display on the 207.

- 2.14 To programme tracks 1, 2 and 4
- press TRACK—1—STORE
2—STORE
4—STORE
PLAY

The memory allows up to 30 selections to be made, and these can be in any order.

- 2.15 To play a single track, say 6
- press TRACK—6—PLAY

- 2.16 A variation is available here. By pressing PAUSE instead of PLAY, the laser moves up to the start of track 6 and waits. On pressing PAUSE again, you achieve a virtually instantaneous start.

- 2.17 You may wish to play most of a CD, perhaps omitting two or three tracks. The CANCEL key makes this programme easier to set up. Suppose a CD has 12 tracks and you wish to hear all except the 5th and the 8th tracks.

To omit tracks 5 and 8

- press TRACK—5—CANCEL
8—CANCEL
PLAY

- 2.18 The numerical display on the 207 can show a number of different things which can be selected by using the DISPLAY key to cycle the display in the following sequence of information:—

Track Number
Total disc time
Track time
Remaining time

"Track time" means how many minutes and seconds of the track being played have elapsed. It doesn't refer to the total duration of the track.

2.19 Programming using NEXT and STORE keys.
If you are positioned so that you can easily see the display on the 207,
you can select, say tracks 4 and 10 as follows:

press NEXT repetitively

until the display shows "S. 4"

The S stands for "select"

Now press STORE

The display will now show "P. 4"

This indicates that track 4 has been programmed.

Press NEXT repetitively

until the display shows "S. 10"

Now press STORE—PLAY

An alternative to repetitive pressing of NEXT is to hold NEXT down and allow the machine to count up. You release the NEXT button when the desired track number appears in the display.

2.20 Pressing the REPEAT key after selecting a programme introduces the (endless) repetition cycle. Pressing the same key again cancels the repetition cycle. This kind of operation is called "toggling".

To repeat a selected programme endlessly

press REPEAT

An indicator in the display window shows that the repeating cycle is in operation.

To stop the repeating cycle

again press REPEAT

The "repeat" indicator will be extinguished.

- 2.21 The absolute phase of the 207 can be digitally reversed by using the phase key, Ø

To reverse the phase

press

Ø

Only on discs which have been recorded with phase integrity is it likely that the effect of this switch can be detected. The PHASE key is a toggle control. "Juggling" is explained in 2.20.

An indicator in the display window shows when the phase has been reverse.

- 2.22 Any selected programme remains in the memory of the 207 even after it has been played or interrupted by pressing stop.

To erase the programme

press

STOP twice

(once to stop the disc and once to clear the programme). If the disc is already stopped, one press of STOP clears the programme.

- 2.23 The 207 may have additional sources plugged into the LINE and TAPE inputs. These can be selected on the 209

To select the line input

press

LINE

The LINE key on the 207 will be lit

To select the tape input (tape replay)

press

T3

The TAPE key on the 207 will be lit.

- 2.24 T3 operates independently of LINE and CD (PLAY). This allows monitoring of a recording. Both T3 and LINE are toggle controls (press ON, press OFF).

Note that the CD will not sound if either LINE or TAPE keys on the 207 are illuminated. If the LINE and TAPE keys are illuminated, the output will be from the tape recorder.

To extinguish LINE input when LINE key on 207 is lit

press LINE

To extinguish TAPE replay when TAPE key on 207 is lit

press T3

- 2.25 To switch the 207 into the stand-by condition

press STANDBY

3 **Operating the 201 Pre-amplifier with the 209 Remote Control Unit**

- 3.1 With the exception of the LINE and T3 keys, the top two rows of keys, together with the red (volume) keys and the MUTE key control the 201.

- 3.2 Select the desired source by pressing CD or RAD or LP or VIDEO or T1 or T2. T1 and T2 refer to tape recorder replay. This starts up the 201.

- 3.3 To adjust the volume

press either red key

- 3.4 To mute the music

press MUTE

To un-mute the music

again press MUTE

- 3.5 To shut down the 201

press STANDBY

4 **Operating the 204 Tuner with the 209 Remote Control Unit**

4.1 Depending on whether your system includes a 201 the method for selecting the tuner input will differ.

4.2 For installations consisting of a 207 CD player and 204 Tuner

To select the tuner input

press

LINE

This action also starts up both the 207 and the 204.

4.3 For installations which include a 201 Pre-amplifier

To select the tuner input

press

RADIO

4.4 To select, say, pre-set station 3

Press

PRESET—3

Other pre-set stations can be selected in like manner.

4.5 The volume and muting controls operate in the same way as described in sections 2.4 and 2.5.

4.6 To shut the system down

press

STANDBY

5 **Maintenance**

5.1 There are no internal parts requiring regular maintenance.

5.2 In the event that the 209 will remain unused for an extended period (six months or longer) the battery should be removed. How to do this is described in 1.8.

5.3 Do not use strong solvents to clean the 209, since they may attack the plastic keys. A cloth wetted with washing up liquid and water and squeezed out almost dry can be used to clean the unit.

Service

There are no user-servicable parts inside the 209. Should the unit need service, it should be returned in the packing supplied to the dealer who supplied it or, in case of difficulty write to:—

Boothroyd Stuart Ltd.,
13 Clifton Road,
Industrial Estate,
HUNTINGDON,
Cambridgeshire,
PE18 7EJ

Remote Control Units outside the UK should be returned to the importing agent for the territory. A list of our agents abroad is available from the factory.

The owner is responsible for the unit during transit to us or our agents.

7 Guarantee

The 209 is guaranteed against defects in material and workmanship for 12 months from the date of purchase.

The guarantee is void if the unit has been subjected to misuse, accident or negligence, or has been in any way modified without our 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.

Our agents outside the UK are contractually responsible only for units sold through them in their territory. For privately imported units they are entitled to make a non-refundable charge for any service carried out regardless of the age of the unit. For free service under guarantee outside the UK the unit must be returned properly packed and carriage paid to the factory.

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

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