

Service Manual

ORDER NO.
CRT4688

RDS MEDIA CENTER RECEIVER

MVH-P8300BT /XNUC

MVH-8300BT /XNEW5

MVH-8350BT /XNES

MVH-P7300 /XNUC

MVH-7300 /XNEW5

MVH-7350 /XNES



Made for



iPod



iPhone



Bluetooth

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BT model only

UC model only



This service manual should be used together with the following manual(s) listed below. For the parts numbers, adjustments, etc. which are not shown in this manual, refer to the following manual(s).

Model No.	Order No.	Mech. Module	Remarks
MVH-P8200BT/XNUC	CRT4530		

SAFETY INFORMATION

WARNING

This product may contain a chemical known to the State of California to cause cancer, or birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

SERVICE PRECAUTIONS



Countermeasures to user complaints on iPhone/iPod touch lip synchronization

Switching method

When a video is replayed, the video and audio may be out of synchronization depending on the connected iPod or iPhone. If it is annoying, perform the following operation.

However, this operation will slightly deteriorate the sound quality of the iPod source.

Also, it will disable the ASR function when the iPod source is used.

[Default]

Audio digital mode

[Switching procedure]

Press BACK and UP and turn on Accessory simultaneously

The above switches the "Audio digital mode" to the "Audio analog mode".

When the mode is switching, the BEEP1 sound will be heard.

[Supplement]

The mode switching operation can only switch the "Audio digital mode" to the "Audio analog mode".

(The BEEP1 sound will be heard every time.)

No indication of the mode is provided.

[Resetting the mode]

Reset or BackUP OFF

The above resets the mode to the "Audio digital mode".

Verification method

If the voice is not heard when a movie is played with the AUX jack unplugged, the voice has been switched to analog.

* Initially, AUDIO sound is output with the AUX jack unplugged as it comes in via USB (digital).

EXPLODED VIEWS AND PARTS LIST

PACKING(Page 48)

PACKING SECTION PARTS LIST

* : Non spare part

Mark	No.	Description	MVH-P8200BT/XNUC	MVH-P8300BT/XNUC
E	6	Unit Box	CHG7149	YHG5631
	7	Contain Box	CHL7149	YHL5631
	13-1	Owner's Manual	CRD4471	YRD5339
	13-5	Installation Manual	CRD4472	YRD5343
	*	Caution Card	CRP1426	Not used
Mark	No.	Description	MVH-8200BT/XNEW5	MVH-8300BT/XNEW5
F	1	Cord Assy	CDP1284	CDP1431
	6	Unit Box	CHG7147	YHG5629
	7	Contain Box	CHL7147	YHL5629
	13-3	Quick Start Guide	CRD4468	YRD5337
	13-4	Quick Start Guide	CRD4469	YRD5338
	13-5	Installation Manual	CRD4470	YRD5342
	*	Caution Card	CRP1389	CRP1439

Mark	No.	Description	MVH-8200BT/XNEW5	MVH-8300BT/XNEW5
*	13-8	Caution Card	CRP1394	CRP1441
*	13-9	Caution Card	CRP1411	YRP5026
	20	IM CD-ROM	CPJ1303	YPJ5012

Mark	No.	Description	MVH-8250BT/XNES	MVH-8350BT/XNES
	6	Unit Box	CHG7148	YHG5630
	7	Contain Box	CHL7148	YHL5630
	13-1	Owner's Manual	CRD4473	YRD5340
	13-2	Owner's Manual	CRD4474	YRD5341
	13-5	Installation Manual	CRD4475	YRD5344
	14	Remote Control Unit	CXE2758	CXE3669
*		Caution Card	CRP1426	Not used

Mark	No.	Description	MVH-P8200/XNUC	MVH-P7300/XNUC
	6	Unit Box	CHG7153	YHG5628
	7	Contain Box	CHL7153	YHL5628
	13-1	Owner's Manual	CRD4471	YRD5339
	13-5	Installation Manual	CRD4472	YRD5343
	14	Remote Control Unit	CXE2758	CXE3669
*		Caution Card	CRP1426	Not used

Mark	No.	Description	MVH-8200/XNEW5	MVH-7300/XNEW5
	1	Cord Assy	CDP1284	CDP1431
	6	Unit Box	CHG7151	YHG5626
	7	Contain Box	CHL7151	YHL5626
	13-3	Quick Start Guide	CRD4468	YRD5337
	13-4	Quick Start Guide	CRD4469	YRD5338
	13-5	Installation Manual	CRD4470	YRD5342
*	13-7	Caution Card	CRP1389	CRP1439
*	13-8	Caution Card	CRP1394	CRP1441
	20	IM CD-ROM	CPJ1303	YPJ5012

Mark	No.	Description	MVH-8250/XNES	MVH-7350/XNES
	6	Unit Box	CHG7152	YHG5627
	7	Contain Box	CHL7152	YHL5627
	13-1	Owner's Manual	CRD4473	YRD5340
	13-2	Owner's Manual	CRD4474	YRD5341
	13-5	Installation Manual	CRD4475	YRD5344
	14	Remote Control Unit	CXE2758	CXE3669
*		Caution Card	CRP1426	Not used

Owner's Manual,Installation Manual

Part No.	Language
YRD5337	English, French, Italian, Spanish(Espanol)
YRD5338	German, Dutch, Russian
YRD5342	English, French, Italian, Spanish(Espanol), German, Dutch, Russian
YRD5339	English, French, Spanish(Espanol)
YRD5343	English, French, Spanish(Espanol)
YRD5340	English, Spanish(Espanol), Portuguese(B)
YRD5341	Traditional Chinese, Arabic
YRD5344	English, Spanish(Espanol), Portuguese(B), Traditional Chinese, Arabic

CONTENTS OF IM CD-ROM (Operation Manual), YPJ5012

Part No.	Language
*YRB5201	English
*YRB5202	French
*YRB5203	Italian
*YRB5204	Spanish(Espanol)
*YRB5205	German
*YRB5206	Dutch
*YRB5207	Russian
*YRB5208	Swedish
*YRB5209	Norwegian
*YRB5210	Finnish
*YRB5211	Danish
*YRB5212	Portuguese
*YRB5213	Greek
*YRB5214	Turkish

All operation manuals are supplied in PDF files by the IM CD-ROM.

Regarding the availability of paper manual, contact Pioneer Service representative in your region.

EXTERIOR(Page 50)

EXTERIOR SECTION PARTS LIST

* : Non spare part

Mark	No.	Description	MVH-P8200BT/XNUC	MVH-P8300BT/XNUC
	8	Chassis	CNA3155	YNA5111
	19	Detach Grille Assy	CXE2536	YXA5789
	28	Grille Unit	CXE2555	YXA5802
	31	Grille Assy	CXE2760	YXE5034
	47	Grille Unit	CXE2590	YXA5805
	49	Tuner Amp Unit	CXX2822(Service)	YXX5093(Service)
	63	Keyboard Unit	CWN5018	YWM5534

Mark	No.	Description	MVH-8200BT/XNEW5	MVH-8300BT/XNEW5
	8	Chassis	CNA3155	YNA5111
	19	Detach Grille Assy	CXE2532	YXA5788
	28	Grille Unit	CXE2556	YXA5800
	49	Tuner Amp Unit	CXX2823(Service)	YXX5092(Service)
	63	Keyboard Unit	CWN5018	YWM5534

Mark	No.	Description	MVH-8250BT/XNES	MVH-8350BT/XNES
	8	Chassis	CNA3155	YNA5111
	17	Remote Control Unit	CXE2758	CXE3669
	19	Detach Grille Assy	CXE2537	YXA5787
	28	Grille Unit	CXE2557	YXA5801
	31	Grille Assy	CXE2762	YXE5033
	47	Grille Unit	CXE2769	CXE2768
	49	Tuner Amp Unit	CXX2821(Service)	YXX5091(Service)
	55	FM/AM Tuner Unit	CWE2098	CWE2097
	63	Keyboard Unit	CWN5018	YWM5534

Mark	No.	Description	MVH-P8200/XNUC	MVH-P7300/XNUC
	8	Chassis	CNA3155	YNA5111
	19	Detach Grille Assy	CXE2541	YXA5785
	28	Grille Unit	CXE2560	YXA5799

Mark	No.	Description	MVH-P8200/XNUC	MVH-P7300/XNUC
	31	Grille Assy	CXE2763	YXE5032
	47	Grille Unit	CXE2771	YXA5804
	49	Tuner Amp Unit	CWN5011	YWM5527
	63	Keyboard Unit	CWN4975	YWM5532
Mark	No.	Description	MVH-8200/XNEW5	MVH-7300/XNEW5
	8	Chassis	CNA3155	YNA5111
	19	Detach Grille Assy	CXE2540	YXA5784
	28	Grille Unit	CXE2561	YXA5797
	49	Tuner Amp Unit	CWN5012	YWM5526
	63	Keyboard Unit	CWN4975	YWM5532
Mark	No.	Description	MVH-8250/XNES	MVH-7350/XNES
	8	Chassis	CNA3155	YNA5111
	17	Remote Control Unit	CXE2758	CXE3669
	19	Detach Grille Assy	CXE2542	YXA5783
	28	Grille Unit	CXE2562	YXA5798
	31	Grille Assy	CXE2765	YXE5031
	47	Grille Unit	CXE2767	CXE2772
	49	Tuner Amp Unit	CWN5010	YWM5525
	55	FM/AM Tuner Unit	CWE2098	CWE2097
	63	Keyboard Unit	CWN4975	YWM5532

ELECTRICAL PARTS LIST(Page 101)

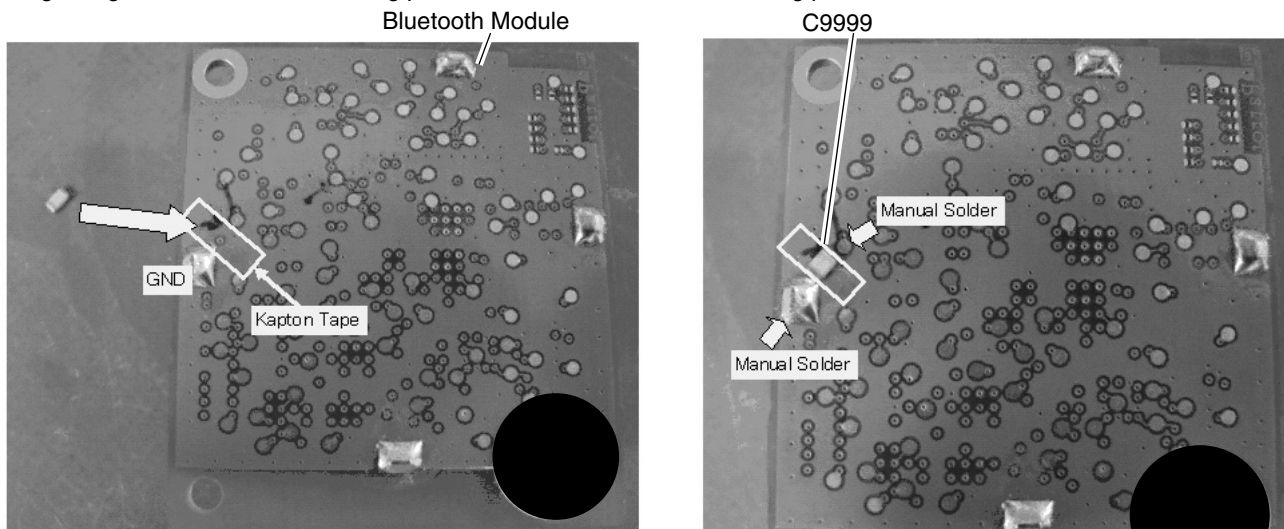
TUNER AMP UNIT(SEVICE)

Circuit Symbol and No.	Part Name	MVH-P8200BT/XNUC	MVH-P8300BT/XNUC
IC602	IC	PE5717A8	PE5770A8
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL (SDRAM(16M))
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
C226	10 uF	CCG1182	DCH1165
C233	10 uF	CCG1182	DCH1165
Circuit Symbol and No.	Part Name	MVH-8200BT/XNEW5	MVH-8300BT/XNEW5
IC602	IC	PE5716A8	PE5768A8
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL (SDRAM(16M))
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
C226	10 uF	CCG1182	DCH1165
C233	10 uF	CCG1182	DCH1165
Circuit Symbol and No.	Part Name	MVH-8250BT/XNES	MVH-8350BT/XNES
IC602	IC	PE5719A8	PE5769A8
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL (SDRAM(16M))
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809

Circuit Symbol and No.	Part Name	MVH-8250BT/XNES	MVH-8350BT/XNES
Q403	Transistor	Not used	UMH1N
Q404	Transistor	Not used	UMH1N
R401		Not used	RS1/16SS104J
R402		Not used	RS1/16SS104J
R408		Not used	RS1/16SS681J
R414		Not used	RS1/16SS681J
R415		Not used	RS1/16SS681J
R416		Not used	RS1/16SS681J
R417		Not used	RS1/16SS681J
R667		Not used	RS1/16SS223J
R705		Not used	RS1/16SS223J
R706		Not used	RS1/16SS223J
R707		Not used	RS1/16SS223J
C226	10 uF	CCG1182	DCH1165
C233	10 uF	CCG1182	DCH1165
C404		Not used	CKSSYB122K50
C405		Not used	CKSSYB122K50
C9999		Not used	CCSQCH102J50

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

Regarding the location and soldering points of C9999, refer to the following picture.



TUNER AMP UNIT

Circuit Symbol and No.	Part Name	MVH-P8200/XNUC	MVH-P7300/XNUC
IC602	IC	PE5717A8	PE5770A8
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL (SDRAM(16M))
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
C226	10 uF	CCG1182	DCH1165
C233	10 uF	CCG1182	DCH1165

Circuit Symbol and No.	Part Name	MVH-8200/XNEW5	MVH-7300/XNEW5
IC602	IC	PE5716A8	PE5768A8
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL (SDRAM(16M))
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
C226	10 uF	CCG1182	DCH1165
C233	10 uF	CCG1182	DCH1165

Circuit Symbol and No.	Part Name	MVH-8250/XNES	MVH-7350/XNES
IC602	IC	PE5719A8	PE5769A8
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL (SDRAM(16M))
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
Q403	Transistor	Not used	UMH1N
Q404	Transistor	Not used	UMH1N
R401		Not used	RS1/16SS104J
R402		Not used	RS1/16SS104J
R408		Not used	RS1/16SS681J
R414		Not used	RS1/16SS681J
R415		Not used	RS1/16SS681J
R416		Not used	RS1/16SS681J
R417		Not used	RS1/16SS681J
R667		Not used	RS1/16SS223J
R705		Not used	RS1/16SS223J
R706		Not used	RS1/16SS223J
R707		Not used	RS1/16SS223J
C226	10 uF	CCG1182	DCH1165
C233	10 uF	CCG1182	DCH1165
C404		Not used	CKSSYB122K50
C405		Not used	CKSSYB122K50

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

KEYBOARD UNIT

Circuit Symbol and No.	Part Name	MVH-P8200BT/XNUC MVH-8200BT/XNEW5 MVH-8250BT/XNES	MVH-P8300BT/XNUC MVH-8300BT/XNEW5 MVH-8350BT/XNES
IC5401	Flash ROM Unit	CWW2018	YWW5085
IC5502	IC	MN103SH13UB	MN103SH13
CN5601	Connector	CKS6062	CKS6272

Circuit Symbol and No.	Part Name	MVH-P8200/XNUC MVH-8200/XNEW5 MVH-8250/XNES	MVH-P7300/XNUC MVH-7300/XNEW5 MVH-7350/XNES
IC5401	Flash ROM Unit	CWW2018	YWW5085
IC5502	IC	MN103SH13UB	MN103SH13
CN5601	Connector	CKS6062	CKS6272