

TC-WR521/WR590

SONY[®] SERVICE MANUAL

*US Model
Canadian Model*

TC-WR521/WR590

*AEP Model
UK Model
E Model*

TC-WR590

SUPPLEMENT-1

File this Supplement with the Service Manual.

1. A Germany model has been added.
2. The pattern of this machine has been changed in the midst of production.
In this connection, additions have been issued since parts of the schematic diagram, the printed wiring boards and the parts list have been changed.
(1-643-914-12 → 1-643-914-14)

• Added Parts List

Ref. No.	Former parts Description (Parts No.)	Parts No.	New Parts Description	Remarks
8 (Page 33, 40)	A-2006-736-A (WR-590)	A-2006-736-A	SYSTEM CONTROL BOARD, COMPLETE (WR-590 : EXCEPT AEP, GERMANY)	Correct
		A-2006-838-A	SYSTEM CONTROL BOARD, COMPLETE (WR-590 : AEP, GERMANY)	Added
R799 (Page 42)	_____	△ 1-219-137-11	RES, FUSE 0.33 10% ¼W (AEP, GERMANY)	Added
ACC (Page 44)	_____	3-754-778-51	MANUAL, INSTRUCTION (GERMANY)	Added

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(1-643-8714-12) - (1-643-8714-14)

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Part No.	Former parts Description (Part No.)	Part No.	New Parts Description	Remarks
B (Page 75, 82)	A-2008-TNLA (PRL-590)	A-2008-TNLA	SYSTEM CONTROL BOARD, COMPLETE (PRL-590) (AEP, GERMANY)	Added
		A-2008-TNLA	SYSTEM CONTROL BOARD, COMPLETE (PRL-590) (AEP, GERMANY)	Added
WTR (Page 75)	—	A-2008-TNLA	SYSTEM CONTROL BOARD, COMPLETE (PRL-590) (AEP, GERMANY)	Added
ACC (Page 75)	—	A-2008-TNLA	SYSTEM CONTROL BOARD, COMPLETE (PRL-590) (AEP, GERMANY)	Added

Sony Corporation
Audio Group


CORRECTION (Service Manual page 9)

 : corrected portion

Standard Input Level

Input terminal	LINE IN
source impedance	10k Ω
input signal level	0.5V (- 3.8dB) 

Standard Output Level

Output terminal	LINE OUT
load impedance	47k Ω
output signal level	0.5V (- 3.8dB) 

Test Tape

Tape	Contents	Use
P-4-A100	10kHz, - 10dB	Azimuth Adjustment
P-4-L300	315Hz, 0dB	PB Level Adjustment
WS-48B	3kHz, 0dB	Tape Speed Adjustment

(OPTION) Fit (Service Manual page 8)
 200" : corrected position

Standard Input Level

Input level (dB)	LINE IN
source impedance	50 Ω
input signal level	0 dBm (0.224 V)

Standard Output Level

Output level (dB)	LINE OUT
load impedance	50 Ω
output signal level	0 dBm (0.224 V)

Test Type

Type	Contents	Unit
PA-AM	100% 100%	Amplitude Adj./dB
PA-LM	100% 100%	PA Level Adj./dB
PA-PM	100% 100%	Tap Speed Adj./dB