

# NWZ-WS613/WS615

## SERVICE MANUAL

Ver. 1.1 2014.10

*US Model*  
*Canadian Model*  
*Australian Model*  
NWZ-WS613  
*AEP Model*  
*UK Model*  
*E Model*  
*Tourist Model*  
NWZ-WS613/WS615  
*Chinese Model*  
NWZ-WS615

**Note:**

Be sure to keep your PC used for service and checking of this unit always updated with the latest version of your anti-virus software. In case a virus affected unit was found during service, contact your Service Headquarters.

**警告**

本電池如果更換不正確會有爆炸的危險  
請依製造商說明書處理用過之電池

**CAUTION**

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

**注意**

如果電池更換不當會有爆炸危險  
只能用同樣類型或等效類型的電池來更換

**For Remote Commander****CAUTION**

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

- The service policy of these models are Product Exchange.  
The following parts are available for service parts of these models.

**PARTS LIST**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	4-536-905-12	INSTRUCTION (QSG) (Quick Start Guide) (ENGLISH) (Except CH)			4-536-905-92	INSTRUCTION (QSG) (Quick Start Guide) (KOREAN) (AEP, UK, KR)	
	4-536-905-22	INSTRUCTION (QSG) (Quick Start Guide) (FRENCH) (CND, AEP, UK, KR)			4-536-906-12	INSTRUCTION (QSG) (Quick Start Guide) (UKRAINIAN) (EE)	
	4-536-905-32	INSTRUCTION (QSG) (Quick Start Guide) (GERMAN) (AEP, UK, KR)			4-536-906-22	INSTRUCTION (QSG) (Quick Start Guide) (ARABIC) (E, AUS, JE)	
	4-536-905-42	INSTRUCTION (QSG) (Quick Start Guide) (SPANISH) (AEP, UK, KR, MX)			4-536-906-32	INSTRUCTION (QSG) (Quick Start Guide) (TURKISH) (AEP, UK, KR)	
	4-536-905-52	INSTRUCTION (QSG) (Quick Start Guide) (ITALIAN) (AEP, UK, KR)			4-536-906-42	INSTRUCTION (QSG) (Quick Start Guide) (GREEK) (AEP, UK, KR)	
	4-536-905-62	INSTRUCTION (QSG) (Quick Start Guide) (RUSSIAN) (EE)			4-536-906-52	INSTRUCTION (QSG) (Quick Start Guide) (POLISH) (AEP, UK, KR)	
	4-536-905-72	INSTRUCTION (QSG) (Quick Start Guide) (SIMPLIFIED CHINESE) (E, AUS, JE)					
	4-536-905-82	INSTRUCTION (QSG) (Quick Start Guide) (TRADITIONAL CHINESE) (E, AUS, JE)					

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**• Abbreviations**

AUS : Australian model  
CH : Chinese model  
CND : Canadian model  
EE : East European model  
JE : Tourist model  
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MX : Mexican model (Latin American)

DIGITAL MUSIC PLAYER

9-896-058-02

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Ref. No.	Part No.	Description	Remark
	4-536-934-11	FLYER (SWIMMING) (Using your Walkman while Swimming) (ENGLISH)	
	4-536-934-21	FLYER (SWIMMING) (Using your Walkman while Swimming) (FRENCH) (CND, AEP, UK, KR)	
	4-536-934-31	FLYER (SWIMMING) (Using your Walkman while Swimming) (GERMAN) (AEP, UK, KR)	
	4-536-934-41	FLYER (SWIMMING) (Using your Walkman while Swimming) (SPANISH) (AEP, UK, KR, MX)	
	4-536-934-51	FLYER (SWIMMING) (Using your Walkman while Swimming) (ITALIAN) (AEP, UK, KR)	
	4-536-934-61	FLYER (SWIMMING) (Using your Walkman while Swimming) (RUSSIAN) (EE)	
	4-536-934-71	FLYER (SWIMMING) (Using your Walkman while Swimming) (SIMPLIFIED CHINESE) (E, AUS, JE, CH)	
	4-536-934-81	FLYER (SWIMMING) (Using your Walkman while Swimming) (TRADITIONAL CHINESE) (E, AUS, JE)	
	4-536-934-91	FLYER (SWIMMING) (Using your Walkman while Swimming) (KOREAN) (AEP, UK, KR)	
	4-536-935-11	FLYER (SWIMMING) (Using your Walkman while Swimming) (UKRAINIAN) (EE)	
	4-536-935-21	FLYER (SWIMMING) (Using your Walkman while Swimming) (ARABIC) (E, AUS, JE)	
	4-536-935-31	FLYER (SWIMMING) (Using your Walkman while Swimming) (TURKISH) (AEP, UK, KR)	
	4-536-935-41	FLYER (SWIMMING) (Using your Walkman while Swimming) (GREEK) (AEP, UK, KR)	
	4-536-935-51	FLYER (SWIMMING) (Using your Walkman while Swimming) (POLISH) (AEP, UK, KR)	
	4-546-484-12	INSTRUCTION (QSG) (Quick Start Guide) (ENGLISH) (CH)	
	4-546-484-22	INSTRUCTION (QSG) (Quick Start Guide) (SIMPLIFIED CHINESE) (CH)	

**Note:** The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

**Note:** Les composants identifiés par une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

**注意:** 原理图和零件清单中标有 $\triangle$ 记号的零部件, 或带有 $\triangle$ 记号的虚线所圈示的零部件, 对于维系安全至关重要。因此只能以指定号码的零部件来更换。

### • Abbreviations

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### • Color variations

#### NWZ-WS613

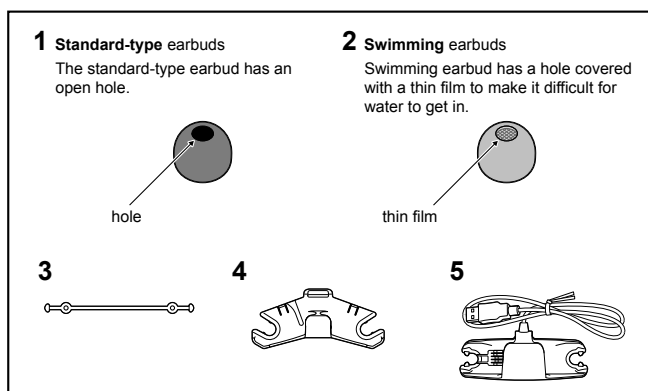
US, CND : (B) Black  
 AEP, UK, KR : (B) Black, (L) Blue, (G) Lime green  
 E, AUS, JE, EE : (B) Black, (W) White, (L) Blue, (G) Lime green  
 MX : (L) Blue, (G) Lime green

#### NWZ-WS615

AEP, UK, KR : (B) Black  
 E, CH, JE, EE : (B) Black, (W) White, (L) Blue, (G) Lime green  
 MX : (B) Black, (L) Blue, (G) Lime green

## For Walkman

Ref. No.	Part No.	Description	Remark
1	3-275-254-01	PIECE (M), EAR (Standard-type earbud: size M) (Outside: Black/Inside: Green) (1 piece) (for BLACK, BLUE)	
1	3-275-255-02	PIECE (S), EAR (Standard-type earbud: size S) (Outside: Black/Inside: Orange) (1 piece) (for BLACK, BLUE)	
1	3-275-256-02	PIECE (L), EAR (Standard-type earbud: size L) (Outside: Black/Inside: Light blue) (1 piece) (for BLACK, BLUE)	
1	3-275-258-01	PIECE (LL), EAR (Standard-type earbud: size LL) (Outside: Black/Inside: Purple) (1 piece) (for BLACK, BLUE)	
1	3-275-258-21	PIECE (LL), EAR (Standard-type earbud: size LL) (Outside: Transparent/Inside: No line) (1 piece) (for WHITE, LIME GREEN)	
1	4-196-348-01	PIECE (M), EAR (Standard-type earbud: size M) (Outside: Transparent/Inside: 3 lines) (1 piece) (for WHITE, LIME GREEN)	
1	4-196-349-01	PIECE (S), EAR (Standard-type earbud: size S) (Outside: Transparent/Inside: 2 lines) (1 piece) (for WHITE, LIME GREEN)	
1	4-256-052-01	PIECE (L), EAR (Standard-type earbud: size L) (Outside: Transparent/Inside: 4 lines) (1 piece) (for WHITE, LIME GREEN)	
2	4-476-057-01	PIECE (S), EAR (Swimming earbud: size S) (Outside: Black (translucent)/Inside: Orange) (1 piece)	
2	4-476-084-01	PIECE (M), EAR (Swimming earbud: size M) (Outside: Black (translucent)/Inside: Green) (1 piece)	
2	4-476-085-01	PIECE (L), EAR (Swimming earbud: size L) (Outside: Black (translucent)/Inside: Light blue) (1 piece)	
2	4-476-086-01	PIECE (LL), EAR (Swimming earbud: size LL) (Outside: Black (translucent)/Inside: Purple) (1 piece)	
3	4-457-683-11	ADJUSTMENT BAND (Smoke gray) (for BLACK, BLUE)	
3	4-457-683-21	ADJUSTMENT BAND (Milky) (for WHITE, LIME GREEN)	
4	4-539-958-01	CARRYING CASE (Holder)	
$\triangle$ 5	A-2054-326-A	BCR-NWWS610 (USB cradle) (US, CND, AEP, UK, E, AUS, JE, EE, KR)	
$\triangle$ 5	A-2065-396-A	BCR-NWWS610 (USB cradle) (CH, MX)	

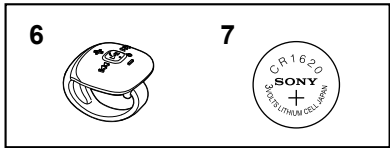


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**For Remote Commander**

Ref. No.	Part No.	Description	Remark
6	X-2590-721-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLACK) (US, CND)	
6	X-2590-723-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLACK) (AEP, UK, KR)	
6	X-2590-724-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLACK) (EE)	
6	X-2590-725-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLACK) (CH)	
6	X-2590-726-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLACK) (E, AUS, JE)	
6	X-2590-727-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLACK) (MX)	
6	X-2590-728-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for WHITE) (EE)	
6	X-2590-729-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for WHITE) (CH)	
6	X-2590-730-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for WHITE) (E, AUS, JE)	
6	X-2590-732-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLUE) (AEP, UK, KR)	
6	X-2590-733-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLUE) (EE)	
6	X-2590-734-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLUE) (CH)	
6	X-2590-735-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLUE) (E, AUS, JE)	
6	X-2590-736-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for BLUE) (MX)	
6	X-2590-737-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for LIME GREEN) (AEP, UK, KR)	
6	X-2590-738-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for LIME GREEN) (EE)	
6	X-2590-739-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for LIME GREEN) (CH)	
6	X-2590-740-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for LIME GREEN) (E, AUS, JE)	
6	X-2590-741-1	SVX RMT-NWS10B (Remote Commander: with Lithium battery) (for LIME GREEN) (MX)	
7	1-853-409-11	BATTERY, LITHIUM (CR1620) (for Remote Commander)	

**Note:** When replacing the remote commander or the lithium battery, be sure to refer to the next page.



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## NOTE FOR REPLACING THE REMOTE COMMANDER (RMT-NWS10B) OR THE REMOTE COMMANDER (RMT-NWS10B) LITHIUM BATTERY

For the remote commander (RMT-NWS10B) lithium battery, be sure to follow the instructions below when performing operations.

### When Replacing the Remote Commander (RMT-NWS10B)

#### Procedure:

1. Remove the four screws on the bottom of the new remote commander (RMT-NWS10B), and remove the rear cover.
2. Remove the lithium battery.
3. Put a mark on the new lithium battery. (Refer to “Marking the lithium battery” below.)
4. Following “Attaching the rear cover” below, install the marked lithium battery in the remote commander (RMT-NWS10B) in step 1.
5. Deliver the remote commander (RMT-NWS10B) for which the above procedure has been completed to the customer.

### When Replacing Only the Lithium Battery

#### Procedure:

1. Remove the four screws on the bottom of the customer’s remote commander (RMT-NWS10B), and remove the rear cover.
2. Remove the lithium battery.
3. Put a mark on the new lithium battery. (Refer to “Marking the lithium battery” below.)
4. Following “Attaching the rear cover” below, install the marked lithium battery in the remote commander (RMT-NWS10B) in step 1.
5. Deliver the remote commander (RMT-NWS10B) for which the above procedure has been completed to the customer.

### • Marking the lithium battery

When installing the lithium battery in the RMT-NWS10B or replacing the lithium battery, be sure to follow the instructions below, and place a mark on the lithium battery with a blue marker pen.

**Note 1:** Do not use a black marker pen.

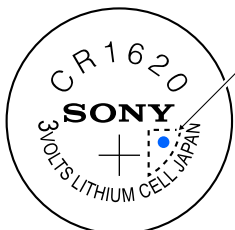
#### Marker Pen (Recommended):

PILOT Twin Marker (Blue)



**Note 2:** The photo is for reference only. The actual marker pen may be different.

#### Mark location:



Lithium battery

Using a blue marker pen, put a dot in the area marked with a dotted line.

**Note 3:** Do not place the mark on an engraved area.

### • Attaching the rear cover

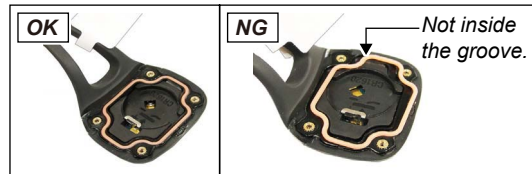
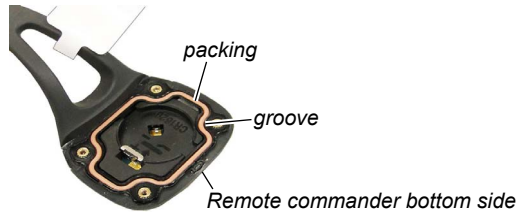
Since the RMT-NWS10B is waterproof, be sure to attach the rear cover following the procedure below.

#### Procedure:

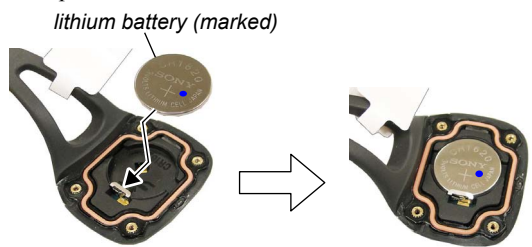
1. Install the packing in the groove.

**Note 4:** Install the packing so that none of it is hanging out of the groove. (Refer to the figure below.)

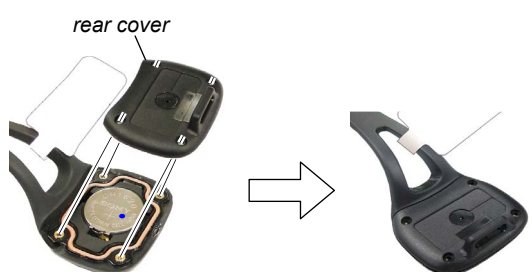
**Note 5:** Be sure that there is nothing between the packing and the groove, such as dirt or dust.



2. Install the marked lithium battery with the SONY logo facing up.



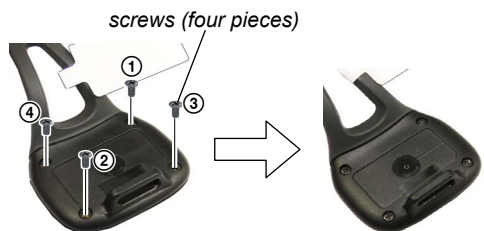
3. Install the rear cover.



4. Install the screws in the order shown in the figure below.

**Note 6:** Install the screws in the order shown in the figure below.

Torque value:  $0.10 \pm 0.005 \text{ N} \cdot \text{m}$



MEMO

