

X-OVER-NET2-way Settings

1. Press the knob to enter the [MENU].
2. Turn the knob to select [AUDIO], then hold the knob until display [X-OVER].
3. Turn the knob to select [NET 2-WAY].

NET 2-WAY Menu List

Menu	Adjustment		
NET 2-WAY	TWEETER CH1/2	HPF FREQ	FULL/ 630HZ/ 700HZ/800HZ/ 1KHZ/ 1.6KHZ/2.5KHZ 3.15KHZ/4KHZ/ 5KHZ/6.3KHZ/ 8KHZ/ 10KHZ/ 12.5KHZ
		SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		PHASE	REVERSE / NORMAL
		GAIN LEFT	-8DB~0DB
		GAIN RIGHT	-8DB~0DB
	REAR CH3/4	HPF FREQ	FULL/ 30HZ/ 40HZ/50HZ/ 63HZ/ 70HZ/80HZ/90HZ /100HZ/125HZ/160HZ/180HZ/220HZ/250HZ/315HZ /400HZ/500HZ/630HZ/700HZ/800HZ
		SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		PHASE	REVERSE / NORMAL
		GAIN	-8DB~0DB
	WOOFER CH5/6	HPF FREQ	FULL/30HZ/40HZ/50HZ/63HZ/70HZ/80HZ/90HZ /100HZ/125HZ/160HZ/180HZ/220HZ/250HZ/315HZ /400HZ/500HZ/630HZ/ 700HZ/800HZ
		SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		LPF FREQ	FULL/ 630HZ/ 700HZ/800HZ/1KHZ/1.6KHZ/2.5KHZ 3.15KHZ/ 4KHZ/5KHZ/ 6.3KHZ/ 8KHZ/ 10KHZ/ 12.5KHZ
		SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		PHASE	REVERSE / NORMAL
		GAIN	-8DB~0DB
	X-OVER RESET	YES/NO	

X-OVER-NET3-way Settings

1. Press the knob to enter the [MENU].
2. Turn the knob to select [AUDIO], then hold the knob until display [X-OVER].
3. Turn the knob to select [NET 3-WAY].

NET 3-WAY Menu List

Menu	Adjustment		
NET 3-WAY	TWEETER CH1/2	HPF FREQ	FULL/630HZ/700HZ/800HZ/ 1KHZ/ 1.6KHZ/2.5KHZ 3.15KHZ/ 4KHZ/5KHZ/6.3KHZ/ 8KHZ/ 10KHZ/ 12.5KHZ
		HPF SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		PHASE	REVERSE/NORMAL
		GAIN LEFT	-8DB~0DB
		GAIN RIGHT	-8DB~0DB
	MIDDLE CH3/4	HPF FREQ	FULL/30HZ/40HZ/50HZ/63HZ/70HZ/80HZ/90HZ /100HZ/125HZ/160HZ/180HZ/220HZ/250HZ/315HZ /400HZ/500HZ/630HZ/700HZ/800HZ
		HPF SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		LPF FREQ	FULL/ 630HZ/ 700HZ/800HZ/1KHZ/1.6KHZ/2.5KHZ 3.15KHZ/ 4KHZ/5KHZ/ 6.3KHZ/ 8KHZ/ 10KHZ/ 12.5KHZ
		LPF SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		PHASE	REVERSE/NORMAL
		GAIN	-8DB~0DB
	WOOFER CH5/6	HPF FREQ	FULL/30HZ/40HZ/50HZ/63HZ/70HZ/80HZ/90HZ /100HZ/125HZ/160HZ/180HZ/220HZ/250HZ/315HZ /400HZ/500HZ/630HZ/700HZ/800HZ
		HPF SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		LPF FREQ	FULL/30HZ/40HZ/50HZ/63HZ/70HZ/80HZ/90HZ /100HZ/125HZ/160HZ/180HZ/ 220HZ/ 250HZ/315HZ /400HZ/500HZ/630HZ/700HZ/800HZ/1K/1.6K
		LPF SLOPE	-6DB/-12DB/-18DB/-24DB/-30DB/-36DB/-42DB/-48DB
		PHASE	REVERSE/NORMAL
		GAIN	-8DB~0DB
	X-OVER RESET	NO/YES	

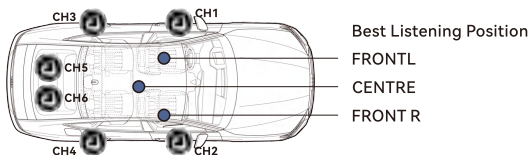
DTA(Delay Time Alignment) Settings

1. Press the knob to enter the [MENU].
2. Turn the knob to select [DTA SET], then press the knob.

DTA SET Menu List

Menu	Adjustment	
CAR TYPE *1	SMALL/MEDIUM/LARGE	
POSITION *2	USER/FRONT L/FRONT R/CENTER	
UNIT	MS/CM/INCH	
DISTANCE (NET 4.2)	CH1 FL	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH2 FR	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH3 RL	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH4 RR	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH5 SWL	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH6 SWR	0-20.0 MS / 0-680 CM / 0-268 INCH
DISTANCE (NET 2-WAY)	CH1 FL-TW	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH2 FR-TW	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH3 RL	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH4 RR	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH5 FL-WF	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH6 FR-WF	0-20.0 MS / 0-680 CM / 0-268 INCH
DISTANCE (NET 3- WAY)	CH1 FL-TW	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH2 FR-TW	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH3 FL-MD	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH4 FR-MD	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH5 FL-WF	0-20.0 MS / 0-680 CM / 0-268 INCH
	CH6 FR-WF	0-20.0 MS / 0-680 CM / 0-268 INCH
DTA RST	NO/YES	

- 1.CAR TYPE is a fast way to set speaker delay time according to car size
- 2.POSITION is fast way to set speaker delay time according to where the best listening point.



DTA(Delay Time Alignment) Settings

DTA DEFAULTVALUE

POSITION		CENTRE	FRONT L(CM)			FRONT R(CM)		
CAR TYPE		/	LARGE	MEDIUM	SMALL	LARGE	MEDIUM	SMALL
DISTANCE (NET 4.2)	CH1 FL	0 CM	48 CM	41 CM	27 CM	0 CM	0 CM	0 CM
	CH2 FR	0 CM	0 CM	0 CM	0 CM	48 CM	41 CM	27 CM
	CH3 RL	0 CM	61 CM	58 CM	44 CM	14 CM	10 CM	3 CM
	CH4 RR	0 CM	14 CM	10 CM	3 CM	61 CM	58 CM	44 CM
	CH5 SWL	0 CM	0 CM	0 CM	0 CM	0 CM	0 CM	0 CM
	CH6 SWR	0 CM	0 CM	0 CM	0 CM	0 CM	0 CM	0 CM
DISTANCE (NET2-WAY)	CH1 FL-TW	0 CM	48 CM	41 CM	27 CM	0 CM	0 CM	0 CM
	CH2 FR-TW	0 CM	0 CM	0 CM	0 CM	48 CM	41 CM	27 CM
	CH3 RL	0 CM	61 CM	58 CM	44 CM	14 CM	10 CM	3 CM
	CH4 RR	0 CM	14 CM	10 CM	3 CM	61 CM	58 CM	44 CM
	CH5 FL-WF	0 CM	48 CM	41 CM	27 CM	0 CM	0 CM	0 CM
	CH6 FR-WF	0 CM	0 CM	0 CM	0 CM	48 CM	41 CM	27 CM
DISTANCE (NET3-WAY)	CH1 FL-TW	0 CM	48 CM	41 CM	27 CM	0 CM	0 CM	0 CM
	CH2 FR-TW	0 CM	0 CM	0 CM	0 CM	48 CM	41 CM	27 CM
	CH3 FL-MD	0 CM	48 CM	41 CM	27 CM	0 CM	0 CM	0 CM
	CH4 FR-MD	0 CM	0 CM	0 CM	0 CM	48 CM	41 CM	27 CM
	CH5 FL-WF	0 CM	48 CM	41 CM	27 CM	0 CM	0 CM	0 CM
	CH6 FR-WF	0 CM	0 CM	0 CM	0 CM	48 CM	41 CM	27 CM

Channel EQ Settings

1. Press the knob to enter the [MENU].
2. Turn the knob to select [CHANNEL EQ], then press the knob to select.
3. Turn the knob again to select a channel to set. Every channel's EQ can be set independently. The channel name is different with different X-over net way.

Channel EQ-Channel Select Menu List

Menu	Adjustment (NET4.2)	(NET2-WAY)	(NET3-WAY)
CHANNEL EQ	CH1 FL	CH1 FL-TW	CH1 FL-TW
	CH2 FR	CH2 FR-TW	CH2 FR-TW
	CH3 RL	CH3 RL	CH3 FL-MD
	CH4 RR	CH4 RR	CH4 FR-MD
	CH5 SWL	CH5 FL-MID-WF	CH5 FL-WF
	CH6 SWR	CH6 FR-MID-WF	CH6 FR-WF
	EQ RESET		

Channel EQ Settings

4. After select a channel, press knob again to select a frequency to adjust.
There are 31 bands EQ for each channel independently.

Channel EQ-Channel--Frequency Select Menu List

Menu	Sub-Menu	Adjustment
CHANNEL EQ	CH1 FL	FREQ 20HZ/25HZ/31HZ/40HZ/50HZ/63HZ/80HZ/100HZ 125HZ/ 160HZ/ 200HZ/ 250HZ/ 315HZ/ 400HZ/500HZ 630HZ/800HZ/ 1KHZ/ 1.25KHZ/ 1.6HZ/2KHZ/2.5KHZ 3KHZ/4KHZ/ 5KHZ/6.3KHZ/ 8KHZ/10KHZ/ 12.5KHZ 14KHZ/16KHZ
	CH2 FR	FREQ 20HZ/25HZ/ 31HZ/ 40HZ/50HZ/...../16KHZ
	CH3 RL	FREQ 20HZ/ 25HZ/ 31HZ/ 40HZ/ 50HZ/...../16KHZ
	CH4 RR	FREQ 20HZ/ 25HZ/ 31HZ/ 40HZ/ 50HZ/...../16KHZ
	CH5 SWL	FREQ 20HZ/25HZ/31HZ/40HZ/50HZ/...../16KHZ
	CH6 SWR	FREQ 20HZ/25HZ/31HZ/40HZ/50HZ/...../16KHZ

5. After select a frequency, press knob again to select GAIN or Q-FACTOR to adjust.

Channel EQ-Channel-Frequency-GAIN or Q-FACTOR Menu List

Menu	Sub-Menu	Sub-Menu	Adjustment
CHANNEL EQ	CH1 FL	FREQ 20HZ	GAIN 0.0~-10.0DB
			Q-FACTOR 0.70/1.41/2.15/2.87/4.32 6.48/9.72/14.58
		FREQ	GAIN..
		FREQ16KHZ	GAIN 0.0~-10.0DB
			Q-FACTOR 0.70/1.41/2.15/2.87/4.32 6.48/9.72/14.58
	CH2 FR	FREQ.....	GAIN..
	CH3 RL	FREQ....	GAIN...
	CH4 RR	FREQ.....	GAIN...
	CH5 SWL	FREQ.....	GAIN..
	CH6 SWR	FREQ.....	GAIN...
			Q-FACTOR.

Display Settings

1. Press the knob to enter the [MENU].
2. Turn the knob to select [DISPLAY], then press the knob to select.

DISPLAY Menu List

Menu	Adjustment
DISPLAY	COLOR SET AUTO/RED/YELLOW/GREEN/CYAN/BLUE/PINK/WHITE/ R/G/B---Rxxx/Gxxx/Bxxx
	ID3 TAG OFF/ON
	LANGUAGE ENGLISH/ RUSSIAN/ BELARUSIAN/ UKRAINIAN/SPANISH
	VERSION

To	Operation
Button backlight settings	MENU-DISPLAY--COLOR SET-AUTO or RED...
MP3 ID3 TAG display settings	MENU-DISPLAY-ID3 TAG-OFF or ON...
MENU language settings	MENU-DISPLAY-LANGUAGE--ENGLISH or RUSSIAN...
Software version query	MENU-DISPLAY-VERSION-...

System Settings

1. Press the knob to enter the [MENU].
2. Turn the knob to select [SYSTEM], then press the knob to select.

SYSTEM Menu List

Menu	Sub-Menu	Adjustment
SYSTEM	CLOCK	CLOCK FORMAT <24H>/12H
		CLOCK ADJUST 00:01
		DATE FORMAT DD/MM/YYYY or MM/DD/YYYY
		DATE ADJUST DD/MM/YYYY
	BEEP	<OFF >/ON
	STEERING TYPE	<SWI>/SWC
	FACTORY RESET	<NO>/YES

To	Operation
Clock format settings	MENU-SYSTEM-COLCK-CLOCK FORMAT--24Hor 12H
Clock adjustment settings	MENU--SYSTEM--COLCK-CLOCK ADJUST- 00:01
Date format settings	MENU-SYSTEM-COLCK-DATE FORMAT-DD / MM/..
Date adjustment settings	MENU-SYSTEM-COLCK-DATE ADJUST-DD / MM/...
Key tone beep sound settings	MENU-SYSTEM--BEEP--OFF or ON
Steering wheel control type settings	MENU-SYSTEM-STEERINGTYPE-SWI or SWC
Factory reset settings	MENU-SYSTEM-FACTORY RESET-NO or YES

APK Installation

Android phone APK installation

Scan the QR code to enter the download and installation

iPhone APK installation

Open the app store, search iDSP for download and installation

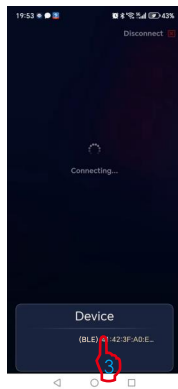
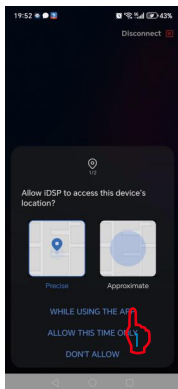


Installation precautions

1. During the installation process, please turn off the anti-virus software.
2. During the installation process, please click on allow this installation or authorize this installation based on known application risks.

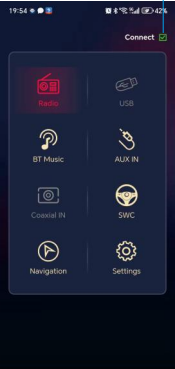
APP CONNECT

1. Open the iDSP APP. (Bluetooth connected)
2. Click [While using the app].
3. Click [connect] to enter the paired.
4. Click [(BLE)], Connection successful.



APP Operation

Home

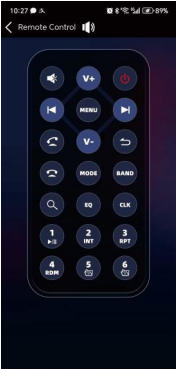


Connected

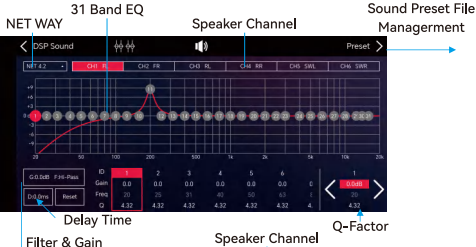
Volume Adjusting



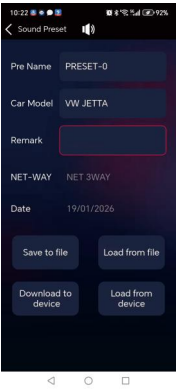
Remote Control



DSP Sound



Preset Sound File

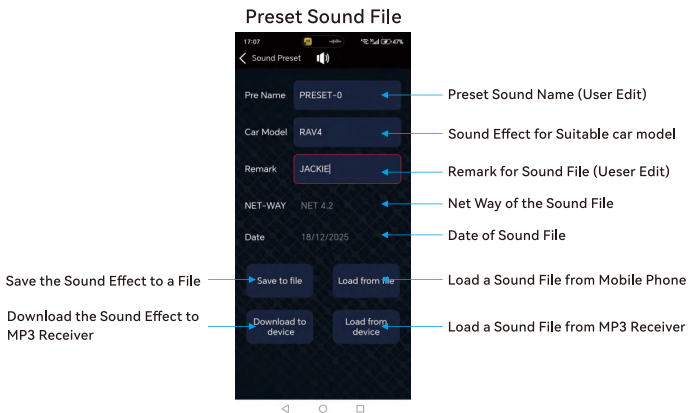


APP Operation

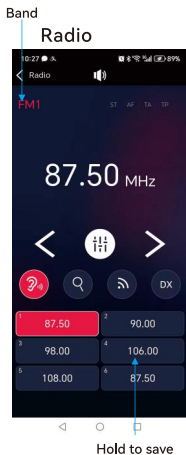
With the sound preset file management, you can fast built your car's acoustic environment from professional path. Also you can share your professional audio tuning experience to others.

The sound preset file management support the operation as:

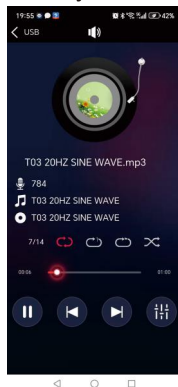
1. Load sound effect to mobile phone from MP3 receiver.
2. Save sound effect to a file (in mobile phone, file directory ../ DSP-PARA).
3. Load sound effect from a file in mobile phone.
4. Download sound effect to MP3 receiver.
5. Share sound effect file to others.



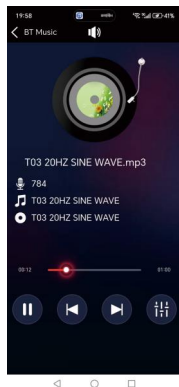
APP Operation



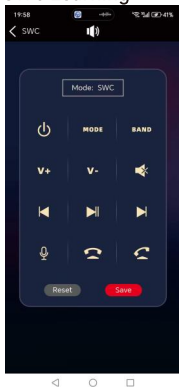
USB Playback



BT Music



SWC Learning



SWC Learning Operation

1. Open the iDSP APP.
2. Click [SWC] to selection [reset].
3. Click the button on the screen to learn.
4. Long press the steering wheel key, after success then release.
5. Other key learning, repeat the operations in steps 3 and 4.
6. After completing all the learning, click [store].

PAC-SWI Operation

In the SWC interface, click on SWC to enter SWI.

Note:

1. SWC: Learning oriented control.
2. SWI: Fixed square control.
(PAC-SWI box needs to be purchased)

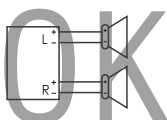
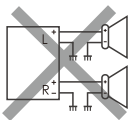
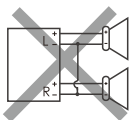
Trouble Shooting

Not work	Remedy
Fuse blown	Replace the fuse: small 10A(Red)
Not responding	
System problem	Reset the unit
Can't turn on voice	
Bluetooth is not connected	Connect Bluetooth
Phone does not support voice	N.A
Not playing	
Incorrect device format	Reformat
Device error	Replacement device
Unsupported audio file	Replace supported audio files
Radio reception is poor	
Poor contact of radio antenna	Reconnect the radio antenna
Poor signal at location	Change to other positions
Remote control is invalid	
Remote control battery is low	Replace R03 AAA 1.5V battery
Bluetooth call is poor	
Microphone is too far away	Speak into the microphone

Speaker Connection

Do not connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.

Before connecting the speak leads of the power cord to the speakers, check the speaker wiring in your car.



FCC Statement :

This device complies with part 15 of the FCC Rules. Operation is subject to the following two

conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NoteL: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

English/Northern Ireland:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

WARNING

To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or playpens. This bag is not a toy.

DE/BE:

Dieses Gerät entspricht Teil 15 der FCC-Regeln. Der Betrieb unterliegt den folgenden zwei Bedingungen:

- (1) Dieses Gerät darf keine schädlichen Störungen verursachen, und
- (2) dieses Gerät muss empfangene Störungen akzeptieren, einschließlich Störungen, die einen unerwünschten Betrieb verursachen können.

WARNUNG

Um Erstickungsgefahr zu vermeiden, halten Sie diese Plastiktüte von Babys und Kindern fern. Verwenden Sie diese Tüte nicht in Kinderbetten, Betten, Kinderwagen oder Laufställen. Diese Tüte ist kein Spielzeug.

ES:

Este dispositivo cumple con la parte 15 de las reglas de la FCC. El funcionamiento está sujeto a las siguientes dos condiciones:

- (1) Este dispositivo no puede causar interferencias perjudiciales, y
- (2) este dispositivo debe aceptar cualquier interferencia recibida, incluyendo interferencias que puedan causar un funcionamiento no deseado.

ADVERTENCIA

Para evitar el peligro de asfixia, mantenga esta bolsa de plástico fuera del alcance de bebés y niños. No use esta bolsa en cunas, camas, coches de bebé o parques infantiles. Esta bolsa no es un juguete.

FR/BE:

Cet appareil est conforme à la partie 15 des règles de la FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable.

AVERTISSEMENT Pour éviter tout risque de suffocation, gardez ce sac en plastique hors de portée des bébés et des enfants. Ne pas utiliser ce sac dans des berceaux, des lits, des landaus ou des parcs. Ce sac n'est pas un jouet.

IT:

Questo dispositivo è conforme alla parte 15 delle norme FCC. Il funzionamento è soggetto alle seguenti due condizioni:

- (1) Questo dispositivo non deve causare interferenze dannose, e
(2) Questo dispositivo deve accettare qualsiasi interferenza ricevuta, incluse interferenze che possono causare un funzionamento indesiderato.

AVVERTENZA

Per evitare il pericolo di soffocamento, tenere questa busta di plastica lontana dai neonati e dai bambini. Non utilizzare questa busta in culle, letti, carrozzine o box. Questa busta non è un giocattolo.

NL/BE:

Dit apparaat voldoet aan deel 15 van de FCC-regels. Het gebruik is onderworpen aan de volgende twee voorwaarden: (1) Dit apparaat mag geen schadelijke interferentie veroorzaken, en (2) dit apparaat moet ontvangen interferentie accepteren, inclusief interferentie die ongewenste werking kan veroorzaken.

WAARSCHUWING Om verstikkingsgevaar te vermijden, houd deze plastic zak uit de buurt van baby's en kinderen. Gebruik deze zak niet in wiegen, bedden, kinderwagens of boxen. Deze zak is geen speelgoed.

PL:

To urządzenie jest zgodne z częścią 15 przepisów FCC. Działanie podlega następującym warunkom:

(1) To urządzenie nie może powodować szkodliwych zakłóceń oraz (2) to urządzenie musi akceptować wszelkie odbierane zakłócenia, w tym zakłócenia mogące powodować niepożądane działanie.

OSTRZEŻENIE Aby uniknąć niebezpieczeństwa uduszenia, trzymaj tę plastikową torbę z dala od niemowląt i dzieci. Nie używaj tej torby w łóżeczkach, łóżkach, wózkach dziecięcych ani kojach. Ta torba to nie zabawka.

SE:

Denna enhet uppfyller del 15 av FCC-reglerna. Användningen är föremål för följande två villkor: (1) Denna enhet får inte orsaka skadlig störning, och (2) Denna enhet måste acceptera all mottagen störning, inklusive störningar som kan orsaka oönskad drift.

VARNING För att undvika kvävningsfara, håll denna plastpåse borta från spädbarn och barn. Använd inte denna påse i spjålsängar, sängar, barnvagnar eller lekhagar. Denna påse är inte en leksak.