

Caution!

Do not exceed the maximum load rating of the amplifier.

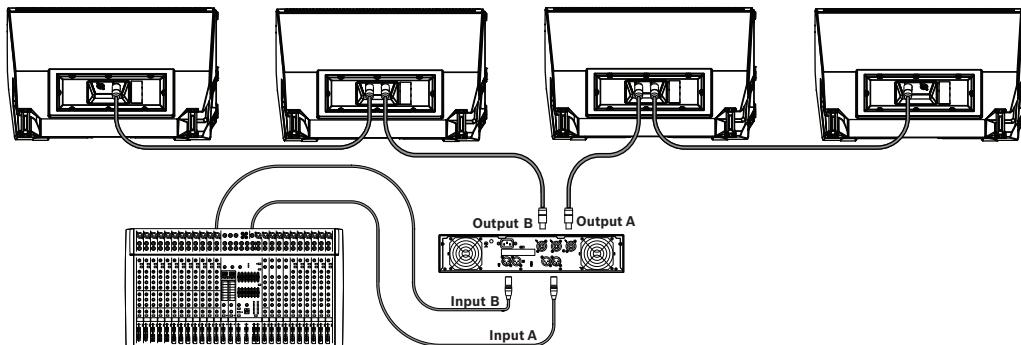


Amplifier Load (per Output Channel)		
# of Speakers	Nominal	Minimum
1	8 Ohms	7.2 Ohms
2	4 Ohms	3.6 Ohms
3	2.7 Ohms	2.4 Ohms
4	2 Ohms	1.8 Ohms

9.2.2**Using full-range systems as stage monitors**

The configuration includes:

- Multiple ZLX-8-G2, ZLX-12-G2 or ZLX-15-G2 loudspeakers in monitor position.
- Dynacord L1800FD amplifier programmed with the appropriate speaker settings from SONICUE.



NL4 Pin Configuration	
Pin 1+ and 1-	Used
Pin 2+ and 2-	Not used

Caution!

Do not exceed the maximum load rating of the amplifier.



Amplifier Load (per Output Channel)		
# of Speakers	Nominal	Minimum
1	8 Ohms	7.2 Ohms
2	4 Ohms	3.6 Ohms
3	2.7 Ohms	2.4 Ohms
4	2 Ohms	1.8 Ohms

9.2.3

Stacking full-range systems with subwoofers

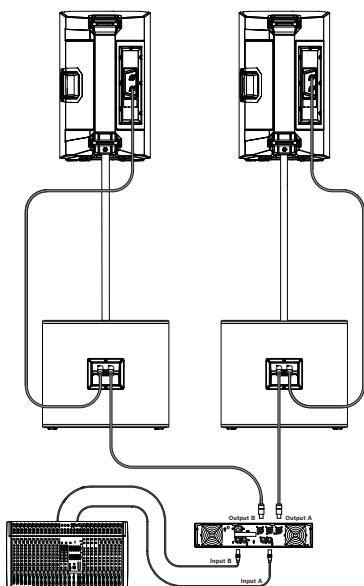
Possible configurations:

- ZLX-12-G2 loudspeaker with EKX-15S subwoofer.
- Dynacord L1800FD amplifier with 35 Hz high pass filter from mixer or processor.

OR

- ZLX-15-G2 loudspeaker with EKX-18S subwoofer.
- Dynacord L1800FD amplifier with 30 Hz high pass filter from mixer or processor.

This configuration allows a user to increase the low frequency performance without using additional amplifier channels.



NL4 Pin Configuration

Pin 1+ and 1-	Used
Pin 2+ and 2-	Not used (pass-through)

Caution!

Do not exceed the maximum load rating of the amplifier.



Amplifier Load (per Output Channel)

# of Subwoofer/Full-Range Combinations	Nominal	Minimum
1	4 Ohms	3.8 Ohms
2	2 Ohms	1.9 Ohms

10 Troubleshooting

10.1 Passive loudspeakers

Problem	Possible Cause(s)	Action
1. No sound	Amplifier	Verify all the electronics are on, the signal routing is correct, the source is active; the volume is turned up, etc. Correct/repair/replace as necessary. If there is still no sound, then the problem may be wiring.
	Wiring	Verify you have connected the correct cables to the amplifier. Play something at a low level through the amplifier. Connect a test loudspeaker in parallel with the malfunctioning line. If the sound level is gone or is very weak, the line has a short in it (possibly a severe scrape, pinch, or a missed connection). Using the test loudspeaker, move down the line and test each connection/junction until you find the problem and correct it. Observe proper polarity.
	Sources not connected	Check all cables between the source and the loudspeaker with a multimeter or cable tester. Replace any suspect cables with a known good cable.
2. Poor Low-Frequency Response	Loudspeakers wired out-of-polarity	When two loudspeakers are connected out of polarity, the low frequencies will cancel each other acoustically. Carefully observe the wire markings or tracers on your loudspeaker wires. Verify the amplifier (+) terminal is connected to pin 1+ of the NL4 connector and the amplifier (-) terminal is connected to pin 1- of the NL4 connector.
3. Intermittent output such as crackling or distortion	Faulty connection	Check all connections at amplifier and loudspeaker to ensure they are all clean and tight. If the problem persists, check the wiring. See problem 1.
4. Constant noise such as buzzing, hissing or humming	Defective source or other electronic device	If noise is present, but no program material is playing, evaluate each component as necessary to isolate the problem. Most likely there is a break in the signal path.
	Poor system grounding or ground loop	Check and correct the system grounding, as required.
5. Microphone produces acoustic feedback when INPUT LEVEL is amplified	Microphone position is too close to the front of the loudspeaker	Whenever possible setup the loudspeakers so the microphone is behind them. If using the loudspeaker in a monitor position, aim the loudspeaker to the back of the microphone.
If these suggestions do not solve your problem, contact your nearest Electro-Voice dealer or Electro-Voice distributor.		

10.2 Powered loudspeakers

Problem	Possible Cause(s)	Action
1. No sound	Amplifier	Verify all the electronics are on, the signal routing is correct, the source is active; the volume is turned up, etc. Correct/repair/replace as necessary. If there is still no sound, then the problem may be wiring.
	Wiring	Verify you have connected the correct cables to the amplifier. Play something at a low level through the amplifier. Connect a test loudspeaker in parallel with the malfunctioning line. If the sound level is gone or is very weak, the line has a short in it (possibly a severe scrape, pinch, or a missed connection). Using the test loudspeaker, move down the line and test each connection/junction until you find the problem and correct it. Observe proper polarity.
	Improper gain	Verify all the sources are on. If the source is a condenser microphone, make sure the mic is plugged into INPUT 1 via XLR and phantom power is enabled in the menu. Inspect the VU meters on LCD or in the app. If there is signal present on the VU meters, increase the input and gain controls to the required level. If there is no signal present on the VU meters, then check the wiring.
	Sources not connected	Check all cables between the source and the loudspeaker with a multimeter or cable tester. Replace any suspect cables with a known good cable.
2. Poor Low-Frequency Response	With SUB menu cross-over frequency activated	If no subwoofers are used with the system, select the OFF position.
	SPEECH mode is active	In the DSP control menu, change the MODE to MUSIC , LIVE , or CLUB . Refer to DSP controls for more details.
	Input PRESET is not set to FLAT	In the INPUT DSP control menu, change PRESET to FLAT . Refer to INPUT DSP control menu for more details.
	EQ is active	In the INPUT and DSP control menu, reset all EQs in the low frequencies. Refer to DSP controls and INPUT DSP control menu for more details.
3. Intermittent output such as crackling or distortion	Faulty connection	Check all connections at amplifier and loudspeaker to ensure they are all clean and tight. If the problem persists, check the wiring. See problem 1.
4. Constant noise such as buzzing, hissing or humming	Defective source or other electronic device	If noise is present, but no program material is playing, evaluate each component as necessary to isolate the problem. Most likely there is a break in the signal path.

Problem	Possible Cause(s)	Action
	Poor system grounding or ground loop	Check and correct the system grounding, as required.
	Input gain is not at a microphone level.	Slowly increase the INPUT LEVEL to engage the microphone pre-amp.
	Mobile device is connected via USB and 3.5 mm jack simultaneously.	Some mobile devices, such as laptops and mobile phones, may introduce ground loops if the loudspeaker is charging the mobile device while simultaneously connected via the 3.5 mm audio input jack. Connect the audio via Bluetooth®, or disconnect from the USB jack.
5. No sound produced with microphone connected to INPUT 1 or INPUT 2	Microphone requires phantom power.	Use a dynamic microphone that does not require phantom power. If using a microphone requiring phantom power, connect it to INPUT 1 via the XLR connector and enable phantom power. Refer to INPUT DSP control menu for more details.
	Input gain is too low	Slowly increase the input gain knob level to engage the microphone pre-amp.
6. Sound is distorted, front LED is OFF , LCD screen LIMIT is ON	Excessive INPUT LEVEL	Reduce the INPUT LEVEL or loudspeaker level knobs to prevent limit.
	Incorrect gain structure or source input (mixing console/preamp) is overdriven	Verify level controls of the source are properly structured by using the VU meter indicator on the LCD screen. If the VU meter bar is solid or the system indicates LIMIT , the input or source level is too high.
7. Microphone produces acoustic feedback when INPUT LEVEL is amplified	Automatic Feedback Suppression is OFF	Enable Automatic Feedback Suppression in the DSP Control menu. Refer to DSP controls for more details.
	Incorrect gain structure	Reduce the microphone levels at the mixing console or input source. If the microphone is connected directly to the loudspeaker, reduce the INPUT LEVEL on the loudspeaker. Positioning the microphone close to the sound source increases gain-before-feedback. See problem 6.
	MODE is set to MUSIC	Change the MODE to LIVE or SPEECH .
	Microphone position is too close to the front of the loudspeaker	Whenever possible setup the loudspeakers so the microphone is behind them. If using the loudspeaker in a monitor position, aim the loudspeaker to the back of the microphone.
8. DSP control menu is locked	The menu LOCK function has been turned on. A lock symbol displays on the LCD screen.	Press the MASTER VOLUME knob or input selection soft keys to unlock.

Problem	Possible Cause(s)	Action
9. QuickSmart Mobile app does not detect the loudspeaker	Enable Bluetooth®	<p>Ensure Bluetooth® is enabled on the loudspeaker. For Android: ensure location services are activated. Remove loudspeaker from iOS/Android in device settings (sometimes called “FORGET”).</p> <p>Restart pairing.</p> <p>Ensure phone/tablet has required OS version and latest updates installed. Ensure the latest QuickSmart Mobile App is installed. Ensure no other phone/tablet is connected to the same loudspeaker.</p>
10. No reaction of loudspeaker to user interaction or power cycles	Unforeseen internal operation failure	<p>Ensure loudspeaker is plugged into mains. Remove mains and plug back in.</p> <p>Or</p> <p>Press and hold soft key for INPUT 1 and INPUT 2 for at least 10 seconds.</p>
If these suggestions do not solve your problem, contact your nearest Electro-Voice dealer or Electro-Voice distributor.		

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11.1

Technical data

Powered loudspeakers

1) Full space measurement using music DSP preset.
 2) Half-space measurement.
 3) Maximum SPL is measured at 1 m using broadband pink noise at maximum output.
 4) Current rating is 1/8 power.

	ZLX-8P-G2-EU 8" 2-way powered speaker, EU cord ZLX-8P-G2-US 8" 2-way powered speaker, US cord	ZLX-12P-G2-EU 12" 2-way powered speaker, EU cord ZLX-12P-G2-US 12" 2-way powered speaker, US cord	ZLX-15P-G2-EU 15" 2-way powered speaker, EU cord ZLX-15P-G2-US 15" 2-way powered speaker, US cord
Frequency response (-3 dB) (Hz) ¹	58 Hz – 20,000 Hz	54 Hz – 18,500 Hz	48 Hz – 18,000 Hz
Frequency range (-10 dB) (Hz) ^{1,2}	50 Hz – 20,000 Hz	48 Hz – 20,000 Hz	42 Hz – 20,000 Hz
Maximum sound pressure level at a distance of 1 m (dB) ³	126 dB	127 dB	129 dB
Coverage angle HxV (°)	90° x 60°	90° x 60°	90° x 60°
Crossover frequency (kHz)	1.40 kHz	1.40 kHz	1.40 kHz
Power rating (W)	1000 W	1000 W	1000 W
Power consumption (V, Hz) ⁴	100 - 240 V~, 50 - 60 Hz	100 - 240 V~, 50 - 60 Hz	100 - 240 V~, 50 - 60 Hz
LF transducer	WECA2088	WECA2128	WECA2158
LF transducer size (in)	8 in	12 in	15 in
LF transducer magnet material	Ferrite	Ferrite	Ferrite
HF transducer	DECA2516	DECA2516	DECA2516
HF transducer type	Compression driver	Compression driver	Compression driver
HF transducer size (in)	1.40 in	1.40 in	1.40 in
HF transducer magnet material	Ferrite	Ferrite	Ferrite
HF transducer diaphragm material	Titanium	Titanium	Titanium
Connector type	(2) XLR/TRS combo, (1) 1/4-inch TS Hi-Z	(2) XLR/TRS combo, (1) 1/4-inch TS Hi-Z	(2) XLR/TRS combo, (1) 1/4-inch TS Hi-Z
Material	Polypropylene	Polypropylene	Polypropylene
Grille material	Powder coated steel	Powder coated steel	Powder coated steel

	ZLX-8P-G2-EU 8" 2-way powered speaker, EU cord ZLX-8P-G2-US 8" 2-way powered speaker, US cord	ZLX-12P-G2-EU 12" 2-way powered speaker, EU cord ZLX-12P-G2-US 12" 2-way powered speaker, US cord	ZLX-15P-G2-EU 15" 2-way powered speaker, EU cord ZLX-15P-G2-US 15" 2-way powered speaker, US cord
Dimensions (H x W x D) (mm)	459.6 mm x 289.9 mm x 280.5 mm	621.1 mm x 356.2 mm x 356 mm	697.6 mm x 422.8 mm x 383.1 mm
Dimensions (H x W x D) (in)	18.09 in x 11.41 in x 11.04 in	24.45 in x 14.02 in x 14.01 in	27.46 in x 16.65 in x 15.08 in
Shipping dimensions (H x W x D) (mm)	500 mm x 390 mm x 350 mm	670 mm x 420 mm x 405 mm	765 mm x 490 mm x 490 mm
Shipping dimensions (H x W x D) (in)	19.69 in x 15.35 in x 13.78 in	670 mm x 420 mm x 405 mm	765 mm x 490 mm x 490 mm
Weight (kg)	10.64 kg	14.82 kg	16.78 kg
Weight (lb)	23.46 lb	32.67 lb	37 lb
Shipping weight (kg)	12.58 kg	16.86 kg	19.64 kg
Shipping weight (lb)	27.73 lb	37.17 lb	43.30 lb

11.2

Passive loudspeakers

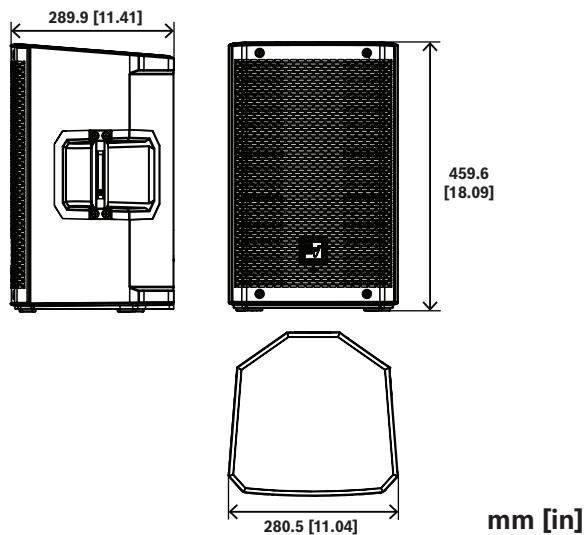
¹⁾ With recommended preset

	ZLX-8-G2 8" 2-way passive speaker	ZLX-12-G2 12" 2-way passive speaker	ZLX-15-G2 15" 2-way passive speaker
Frequency response (-3 dB) (Hz) ¹	67 Hz – 20,000 Hz	69 Hz – 18,500 Hz	68 Hz – 18,000 Hz
Frequency range (-10 dB) (Hz) ¹	55 Hz – 20,000 Hz	55 Hz – 20,000 Hz	53 Hz – 20,000 Hz
Axial sensitivity (dB SPL 1W/1m)	90 dB SPL 1W/1m	93 dB SPL 1W/1m	95 dB SPL 1W/1m
Maximum sound pressure level at a distance of 1 m (dB) ¹	124 dB	125 dB	126 dB
High pass frequency (Hz)	60 Hz	48 Hz	40 Hz
Crossover frequency (kHz)	2 kHz	2 kHz	2 kHz
Coverage angle HxV (°)	90° x 60°	90° x 60°	90° x 60°
Power handling (continuous) (W)	250 W	250 W	250 W

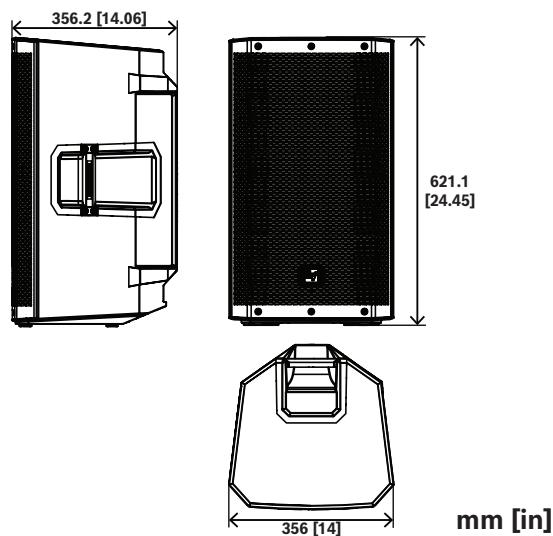
	ZLX-8-G2 8" 2-way passive speaker	ZLX-12-G2 12" 2-way passive speaker	ZLX-15-G2 15" 2-way passive speaker
Power handling (peak) (W)	1,000 W	1,000 W	1,000 W
Nominal impedance (Ω)	8 Ω	8 Ω	8 Ω
LF transducer	WECA2088	WECA2128	WECA2158
LF transducer size (in)	8 in	12 in	15 in
LF transducer magnet material	Ferrite	Ferrite	Ferrite
HF transducer	DH-1K	DH-1K	DH-1K
HF transducer type	Compression driver	Compression driver	Compression driver
HF transducer size (in)	1.4 in	1.4 in	1.4 in
HF transducer diaphragm material	Titanium	Titanium	Titanium
Dimensions (H x W x D) (mm)	459.6 mm x 289.9 mm x 280.5 mm	621.1 mm x 356.2 mm x 356 mm	697.6 mm x 422.8 mm x 383.1 mm
Dimensions (H x W x D) (in)	18.09 in x 11.41 in x 11.04 in	24.45 in x 14.02 in x 14.01 in	27.46 in x 16.65 in x 15.08 in
Shipping dimensions (H x W x D) (mm)	500 mm x 390 mm x 350 mm	670 mm x 420 mm x 405 mm	765 mm x 490 mm x 490 mm
Shipping dimensions (H x W x D) (in)	19.69 in x 15.35 in x 13.78 in	26.38 in x 16.54 in x 15.94 in	30.12 in x 19.29 in x 19.29 in
Weight (kg)	10.15 kg	14.26 kg	16.44 kg
Weight (lb)	22.38 lb	31.44 lb	36.24 lb
Shipping weight (kg)	11.92 kg	16.26 kg	19.18 kg
Shipping weight (lb)	26.28 lb	35.85 lb	42.28 lb

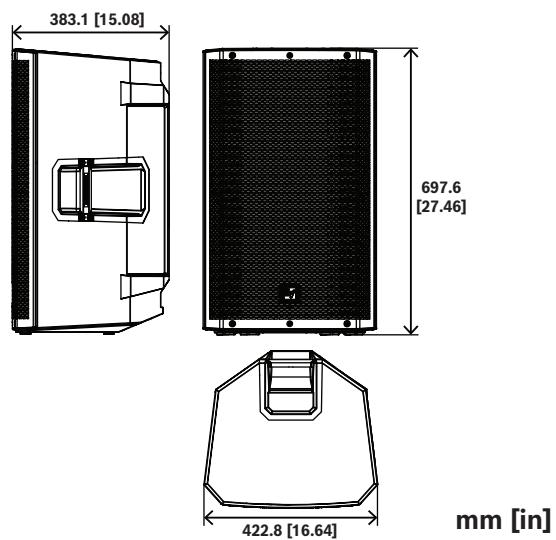
11.3 Dimensions

8-inch models



12-inch models



15-inch models

12

Appendices

12.1

Warranty information

For information on warranty periods and after sales service, please visit:
www.electrovoice.com/warranty

12.2

Effects (FX) list

Note: Subject to change without notice

Number	Name App	Name LCD
0	OFF	OFF
1	Echo+ReverbShort	ECHO+REVERB S
2	Reverb Room	REV ROOM
3	Reverb Concert Hall	REV CONCERT
4	Reverb Large Hall	REV HALL
5	Reverb Church	REV CHURCH
6	Reverb Room Soft	REV ROOM S
7	Reverb Concert Hall Soft	REV CONCERT S
8	Reverb Large Hall Soft	REV HALL S
9	Reverb Church Soft	REV CHURCH S
10	Reverb Cathedral Soft	REV CATHEDRAL S
11	Reverb Plate Medium	PLATE MEDIUM
12	Reverb Plate Long	PLATE LONG
13	Reverb Plate Medium Soft	PLATE MEDIUM S
14	Reverb Plate Long Soft	PLATE LONG S
15	Reverb+ChorusSlow	REV+CHORUS SLOW
16	Reverb+ChorusMedium	REV+CHORUS MEDIUM
17	Reverb+ChorusFast	REV+CHORUS FAST
18	Delay Short	DELAY SHORT
19	Delay Long	DELAY LONG
20	Delay Tap	DELAY TAP
21	Chorus Slow	CHORUS SLOW
22	Chorus Medium	CHORUS MEDIUM
23	Chorus Fast	CHORUS FAST
24	Chorus+Echo Slow	CHORUS+ECHO S
25	Chorus+Echo Medium	CHORUS+ECHO M
26	Chorus+Echo Fast	CHORUS+ECHO F
27	Slap Back+EchoSlow	SLAPBACK+ECHO S

Number	Name App	Name LCD
28	Slap Back+EchoFast	SLAPBACK+ECHO F
29	Doubling Narrow	DOUBLING NARROW
30	Doubling Wide	DOUBLING WIDE

12.3 OUTPUT list

VOLUME	0 dB (Default)
	MUTE, -80 dB - +10 dB (1 dB)
	EXIT
	MODE
	MUSIC (Default)
	LIVE
	SPEECH
	CLUB
	FRFR
	MAIN LEVEL
	0 dB (Default)
	MUTE, -80 dB - +10 dB (1 dB)
	LOCATION
	TRIPOD (Default)
	KICKBACK
	MONITOR
SUB	OFF (Default)
	100 Hz
	120 Hz
	150 Hz
	ELX200-12SP
	ELX200-18SP
	EKX-15SP
	EKX-18SP
DELAY	OFF (Default)
	0.1 m - 100.0 m
TREBLE	0 dB (Default)
	-12 dB - +6 dB
MID	0 dB (Default)

			-12 dB - +6 dB
	BASS		0 dB (Default)
			-12 dB - +6 dB
	MAIN PEQ	BACK	
		ENABLE ALL	ON (Default)
			OFF
		RESET ALL	NO (Default)
			YES
		PEQ #	1 (Default)
			1 - 7
		BYPASS	OFF (Default)
			ON
		TYPE	PEQ (Default)
			LOW SHELF
			HI SHELF
			LOW PASS
			HI PASS
		Q (PEQ only)	0.7 (Default)
			0.5 - 10.0
		FREQ	120 Hz (Default)
			50 - 20 kHz
		GAIN (PEQ, LOW SHELF and HI SHELF only)	0 dB (Default)
			-12 dB - +6 dB
		RESET	NO (Default)
			YES
		BACK	
	MAIN GEQ	BACK	
		63 Hz	0 dB (Default)
			-12 dB - +12 dB (1 dB)
		160 Hz	0 dB (Default)
		400 Hz	-12 dB - +12 dB (1 dB)
		1 kHz	0 dB (Default)

		2.5 kHz	-12 dB - +12 dB (1 dB)
		6 kHz	0 dB (Default)
		12 kHz	-12 dB - +12 dB (1 dB)
		RESET	RESET ALL BANDS? YES/NO
		BACK	
	FX	01 (Default)	
		00 to 30	
		FX Delay TAP (FX 20 only)	427 ms (Default) 30 ms - 550 ms
		FX ENABLE	ON (Default) OFF
		AFS (automatic feedback suppression)	OFF (Default) ON
	MIX OUT	L+R (Default)	
		L	
		R	
		BACK	
		BLUETOOTH	ON (Default) OFF
	BLUETOOTH	ID (4-digit unique device number)	
		CONTROL PAIR	
		AUDIO PAIR	
		LINK SPEAKERS	
		LINK ROUTE	L+R (Default) L R
	LED	BACK	
		ON (Default)	
		OFF	
		LIMIT	
		DISPLAY	BACK
	DISPLAY	LCD DIM	ON (Default)
		BACK	

		OFF
	BRIGHT	5 (Default)
		1 - 10
	CONTRAST	5 (Default)
		1 - 10
	BACK	
	STORE	BACK, 1, 2, 3, 4, 5, BACK
	RECALL	BACK, 1, 2, 3, 4, 5, 6 (Default), BACK
	RESET	DEFAULT SETTINGS?
		NO (Default)
		YES
		ERASE USER PRESETS?
		NO (Default)
		YES
	INFO	[FIRMWARE VERSION]
		©2023 Electro-Voice
	EXIT	

Table 12.7: Loudspeaker DSP control menu MIXER mode

12.4

INPUT list

INPUT DSP control menu for MIXER mode

INPUTS 1 & 2		
LEVEL		0 dB (Default)
		MUTE, -80 dB - +42 dB
	EXIT	
	24V (INPUT 1 only)	OFF (Default)
		ON
	PRESET	FLAT (Default)
		LOW CUT 80
		LOW CUT 120
		VOCAL MIC
		VOICE FILTER
		ND76 VOCAL
		RE520

		ND86 VOCAL
		ND96 VOCAL
		SPEECH
		ACOUST GUITAR
		ND66 A-GTR
		ELECTRIC GUITAR
		BASS GUITAR
		PERCUSSION
		LINE INPUT
COMP		OFF (Default)
		OFF, 1 - 100
TREBLE		0 dB (Default)
		-12 dB - +12 dB
MID		0 dB (Default)
		-12 dB - +12 dB
BASS		0 dB (Default)
		-12 dB - +12 dB
FX		0 dB (Default)
		-80 dB - +10 dB
PAN		C (Default)
		10 L - 10 R
DUCKER		OFF (Default)
		OFF, -1 - -40
	EXIT	

Table 12.8: INPUTS 1 & 2 DSP control menu MIXER mode

INPUT BT		
LEVEL		0 dB (Default)
		MUTE, -80 dB - +42 dB
	EXIT	
	TREBLE	0 dB (Default)
		-12 dB - +12 dB
	MID	0 dB (Default)
		-12 dB - +12 dB

	BASS	0 dB (Default) -12 dB - +12 dB
	BAL (stereo operation only)	C (Default) 10 L - 10 R
	BLUETOOTH	BACK
	BLUETOOTH	ON (Default)
		OFF
	ID (4-digit unique device number)	
	CONTROL PAIR	
	AUDIO PAIR	
	LINK SPEAKERS	
	BACK	
EXIT		

Table 12.9: INPUT BT DSP control menu MIXER mode

12.5

Regulatory information

12.5.1

FCC information

IMPORTANT: Do not modify this unit! Changes or modifications not expressly approved by the manufacturer could void the user's authority, granted by the FCC, to operate the equipment.

Notice!

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 interference will not occur in a particular installation.



If this equipment does cause harmful interference to radio or television reception or receive audible interference from radio, television or communications equipment, 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/communications equipment technician.

The device has been granted by FCC and IC, the FCC ID: ESV-ZLXG2 and IC: 1249A-ZLXG2.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

12.5.2

Simplified Declaration of Conformity (sDoC) for Europe (CE) and GB (UKCA)

BG	С настоящото Bosch Security Systems, LLC декларира, че този тип радиосъоръжение ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU е в съответствие с Директива 2014/53/EC. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.electrovoice.com
CS	Tímto Bosch Security Systems, LLC prohlašuje, že typ rádiového zařízení ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: www.electrovoice.com
DA	Hermed erklærer Bosch Security Systems, LLC, at radioudstyrstypen ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: www.electrovoice.com
DE	Hiermit erklärt Bosch Security Systems, LLC, dass der Funkanlagentyp ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: www.electrovoice.com
EL	Με την παρούσα ο/η Bosch Security Systems, LLC, δηλώνει ότι ο ραδιοεξοπλισμός ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: www.electrovoice.com
EN	Hereby, Bosch Security Systems, LLC declares that the radio equipment type ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU is in compliance with Directive 2014/53/EU and the relevant statutory requirements. The full text of the EU declaration of conformity and the UK declaration of conformity are available at the following internet address: www.electrovoice.com
ES	Por la presente, Bosch Security Systems, LLC declara que el tipo de equipo radioeléctrico ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: www.electrovoice.com

ET	Käesolevaga deklareerib Bosch Security Systems, LLC , et käesolev raadioseadme tüüp ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kätesaadav järgmisel internetiaadressil: www.electrovoice.com
FI	Bosch Security Systems, LLC vakuuttaa, että radiolaitetyyppi ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: www.electrovoice.com
FR	Le soussigné, Bosch Security Systems, LLC , déclare que l'équipement radioélectrique du type ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: www.electrovoice.com
HR	Bosch Security Systems, LLC ovime izjavljuje da je radijska oprema tipa ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: www.electrovoice.com
HU	Bosch Security Systems, LLC igazolja, hogy a ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.electrovoice.com
IT	Il fabbricante, Bosch Security Systems, LLC , dichiara che il tipo di apparecchiatura radio ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.electrovoice.com
LT	Aš, Bosch Security Systems, LLC , patvirtinu, kad radio įrenginių tipas ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: www.electrovoice.com
LV	Ar šo Bosch Security Systems, LLC deklarē, ka radioiekārta ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: www.electrovoice.com
MT	B'dan, Bosch Security Systems, LLC , niddikjara li dan it-tip ta' tagħmir tar-radju ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: www.electrovoice.com
NL	Hierbij verklaar ik, Bosch Security Systems, LLC , dat het type radioapparatuur ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: www.electrovoice.com
PL	Bosch Security Systems, LLC niniejszym oświadcza, że typ urządzenia radiowego ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: www.electrovoice.com

PT	O(a) abaixo assinado(a) Bosch Security Systems, LLC declara que o presente tipo de equipamento de rádio ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: www.electrovoice.com
RO	Prin prezenta, Bosch Security Systems, LLC declară că tipul de echipamente radio ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: www.electrovoice.com
SK	Bosch Security Systems, LLC týmto vyhlasuje, že rádiové zariadenie typu ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.electrovoice.com
SL	Bosch Security Systems, LLC potrjuje, da je tip radijske opreme ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.electrovoice.com
SV	Härmed försäkrar Bosch Security Systems, LLC att denna typ av radioutrustning ZLX-8P-G2-EU, ZLX-12P-G2-EU, ZLX-15P-G2-EU överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämelse finns på följande webbadress: www.electrovoice.com

12.5.3

Regulatory notice for CE/UKCA - Information concerning the use of apparatus

This equipment has been tested and found to be compliant with class B emission limits. The electromagnetic disturbance generated does not exceed the level above which radio and telecommunications equipment or other equipment cannot operate as intended. This means that there are no restrictions for usage in residential and commercial environments.

12.5.4

Certifications

Argentina:



Certificate number:

Brazil:

Após uma perturbação da rede elétrica, o ZLX-G2 pode entrar em estado de segurança. Neste caso, você deve desligar e ligar o dispositivo novamente.

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Para mais informações, consulte o site da ANATEL: www.anatel.gov.br.

Cambodia:

TRC identifier:

Malaysia:**Mexico:**

“La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada”



IFETEL ID:

Pakistan:**Republic of Korea:**

기자재명칭: 특정 소출력 무선기기(무선데이터통신시스템용 무선기기)

모델명: EVERSE 8

정격: 100-240 Vac, 50-60 Hz, 1000 W

수입업체(상호)명: 로버트보쉬코리아(유)

제조자: Bosch Security Systems, LLC.

제조연월: 별도 표기

제조국: 중국

A/S: 02-702-2846

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Thailand:**United Arab Emirates:****TDRA - UNITED ARAB Emirates**

Dealer ID: DA45733/15
TA RTTE: ER10360/22
Model Name: EVERSE 8
Product Type: Bluetooth

**12.5.5 Open Source Software licenses****12.5.5.1 Components overview**

Component	Copyright	License
CMSIS	ARM Limited	Apache License 2.0
CMSIS Device	ARM Limited - STMicroelectronics	Apache License 2.0
STM32F4 HAL	STMicroelectronics	BSD-3-Clause
QTIL Firmware	Multiple	Multiple
QTIL Audio	Multiple	Multiple

12.5.5.2 The Licenses**CMSIS and CMSIS Device**

Apache License
 Version 2.0, January 2004
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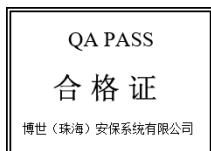
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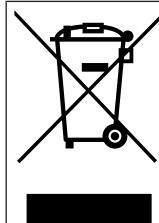
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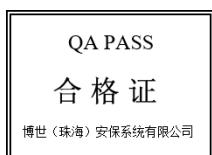
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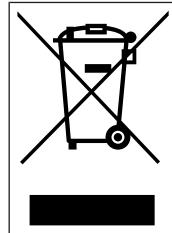
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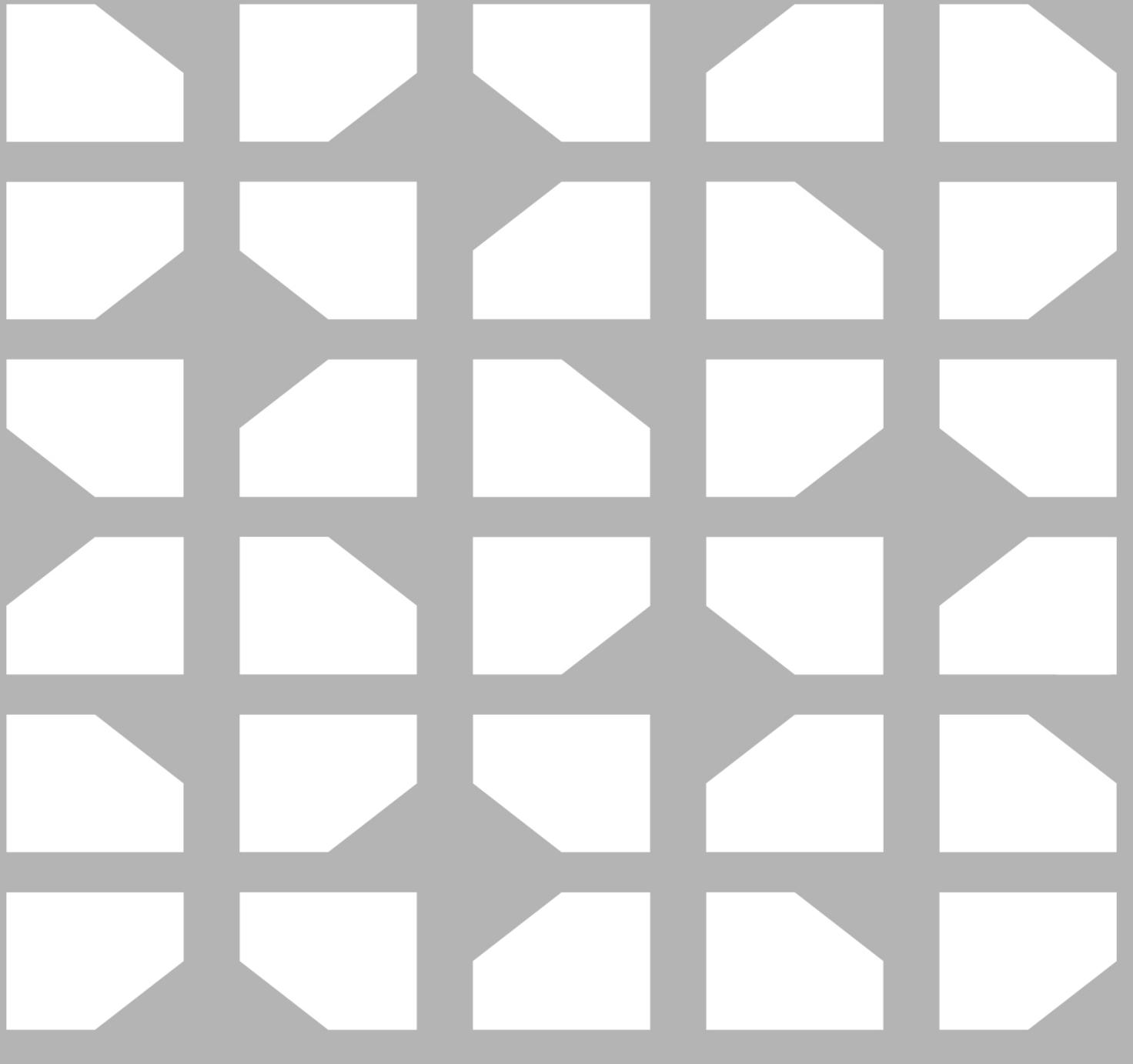
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Old electrical and electronic equipment

This product and/or battery must be disposed of separately from household waste. Dispose such equipment according to local laws and regulations, to allow their reuse and/or recycling. This will help in conserving resources, and in protecting human health and the environment.



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