

Quick Start Guide

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iQ Series

2500 Watt 2 Way 8"/10"/12"/15" Powered Loudspeaker

3000 Watt 15"/18" Powered Subwoofer Klark Teknik DSP Technology,
Speaker Modelling and ULTRANET Networking

EN

EN

Important Safety Instructions



Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock.

Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.



Caution

To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.



Caution

To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Caution

These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Use only attachments/accessories specified by the manufacturer.



12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid

injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product

should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.

18. Do not install in a confined space, such as a book case or similar unit.

19. Do not place naked flame sources, such as lighted candles, on the apparatus.

20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed-of at a battery collection point.

21. This apparatus may be used in tropical and moderate climates up to 45°C.

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LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at community.musictribe.com/pages/support#warranty.

ES

Instrucciones de seguridad



Las terminales marcadas con este símbolo transportan corriente eléctrica de magnitud suficiente como para constituir un riesgo de descarga eléctrica. Utilice solo cables de altavoz profesionales y de alta calidad con conectores TS de 6,3 mm o de bayoneta prefijados. Cualquier otra instalación o modificación debe ser realizada únicamente por un técnico cualificado.



Este símbolo, siempre que aparece, le advierte de la presencia de voltaje peligroso sin aislar dentro de la caja; este voltaje puede ser suficiente para constituir un riesgo de descarga.



Este símbolo, siempre que aparece, le advierte sobre instrucciones operativas y de mantenimiento que aparecen en la documentación adjunta. Por favor, lea el manual.



Atención

Para reducir el riesgo de descarga eléctrica, no quite la tapa (o la parte posterior). No hay piezas en el interior del equipo que puedan ser reparadas por el usuario. Si es necesario, póngase en contacto con personal cualificado.



Atención

Para reducir el riesgo de incendio o descarga eléctrica, no exponga este aparato a la lluvia, humedad o alguna otra fuente que pueda salpicar o derramar algún líquido sobre el aparato. No coloque ningún tipo de recipiente para líquidos sobre el aparato.



Atención

Las instrucciones de servicio deben llevarlas a cabo exclusivamente personal cualificado. Para evitar el riesgo de una descarga eléctrica, no realice reparaciones que no se encuentren descritas en el manual de operaciones. Las reparaciones deben ser realizadas exclusivamente por personal cualificado.

1. Lea las instrucciones.
2. Conserve estas instrucciones.
3. Preste atención a todas las advertencias.
4. Siga todas las instrucciones.
5. No use este aparato cerca del agua.
6. Limpie este aparato con un paño seco.
7. No bloquee las aberturas de ventilación. Instale el equipo de acuerdo con las instrucciones del fabricante.

8. No instale este equipo cerca de fuentes de calor tales como radiadores, acumuladores de calor, estufas u otros aparatos (incluyendo amplificadores) que puedan producir calor.

9. No elimine o deshabilite nunca la conexión a tierra del aparato o del cable de alimentación de corriente. Un enchufe polarizado tiene dos polos, uno de los cuales tiene un contacto más ancho que el otro. Una clavija con puesta a tierra dispone de tres contactos: dos polos y la puesta a tierra. El contacto ancho y el tercer contacto, respectivamente, son los que garantizan una mayor seguridad. Si el enchufe suministrado con el equipo no concuerda con la toma de corriente, consulte con un electricista para cambiar la toma de corriente obsoleta.

10. Coloque el cable de suministro de energía de manera que no pueda ser pisado y que esté protegido de objetos afilados. Asegúrese de que el cable de suministro de energía esté protegido, especialmente en la zona de la clavija y en el punto donde sale del aparato.

11. Use únicamente los dispositivos o accesorios especificados por el fabricante.



12. Use únicamente la carretilla, plataforma, trípode, soporte o mesa especificados por el fabricante o suministrados junto con el equipo. Al transportar el equipo, tenga cuidado para evitar

daños y caídas al tropezar con algún obstáculo.

13. Desenchufe el equipo durante tormentas o si no va a utilizarlo durante un periodo largo.

14. Confíe las reparaciones únicamente a servicios técnicos cualificados. La unidad requiere mantenimiento siempre que haya sufrido algún daño, si el cable de suministro de energía o el enchufe presentaran daños, se hubiera derramado un líquido o hubieran caído objetos dentro del equipo, si el aparato hubiera estado expuesto a la humedad o la lluvia, si ha dejado de funcionar de manera normal o si ha sufrido algún golpe o caída.

15. Al conectar la unidad a la toma de corriente eléctrica asegúrese de que la conexión disponga de una unión a tierra.

16. Si el enchufe o conector de red sirve como único medio de desconexión, éste debe ser accesible fácilmente.



17. Cómo debe deshacerse de este aparato: Este símbolo indica que este aparato no debe ser tratado como basura orgánica, según lo indicado en la Directiva WEEE (2012/19/EU) y a las normativas aplicables en su país.

En lugar de ello deberá llevarlo al punto limpio más cercano para el reciclaje de sus elementos eléctricos / electrónicos (EEE). Al hacer esto estará ayudando a prevenir las posibles consecuencias negativas para el medio ambiente y la salud que podrían ser provocadas por una gestión inadecuada de este tipo de aparatos. Además, el reciclaje de materiales ayudará a conservar

los recursos naturales. Para más información acerca del reciclaje de este aparato, póngase en contacto con el Ayuntamiento de su ciudad o con el punto limpio local.

18. No instale esta unidad en un espacio muy reducido, tal como encastrada en una librería o similar.

19. No coloque objetos con llama, como una vela encendida, sobre este aparato.

20. Tenga presentes todas las advertencias relativas al reciclaje y correcta eliminación de las pilas. Las pilas deben ser siempre eliminadas en un punto limpio y nunca con el resto de la basura orgánica.

21. Puede usar este aparato en lugares con climas tropicales y moderados que soporten temperaturas de hasta 45°C.

NEGACIÓN LEGAL

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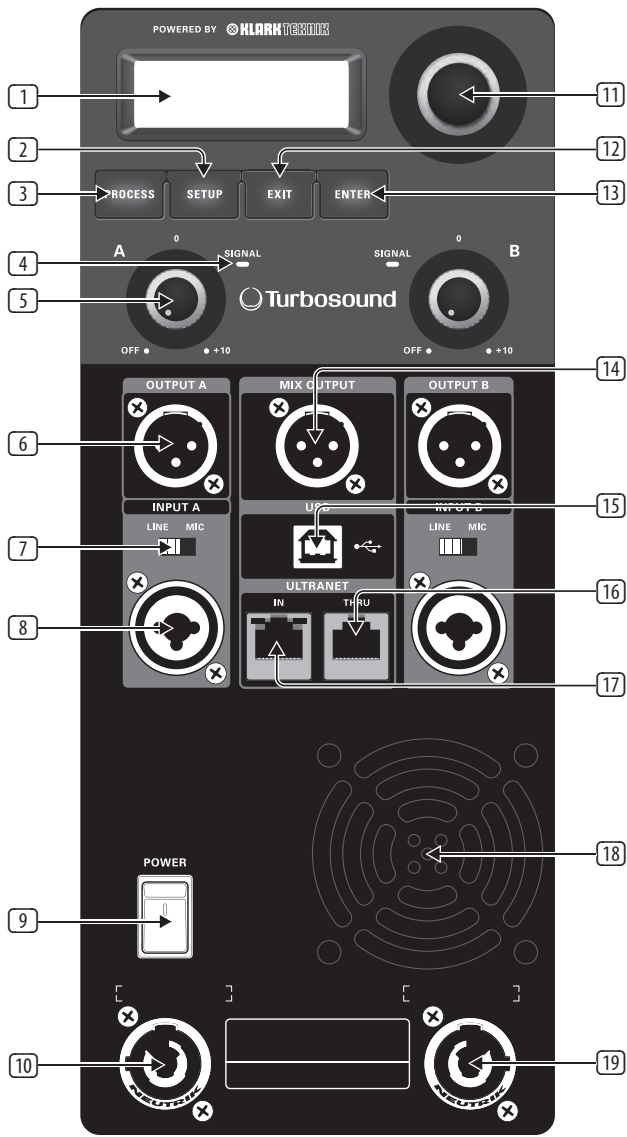
ES

Thank you for choosing a Turbosound loudspeaker product for your application. If you would like further information about this or any other Turbosound product, please visit our website at [Turbosound.com](https://www.turbosound.com).

Unpacking the Loudspeaker

After unpacking the unit please check carefully for damage. If damage is found, please notify your supplier at once. You, the consignee, must instigate any claim. Please retain all packaging in case of future re-shipment.

Controls



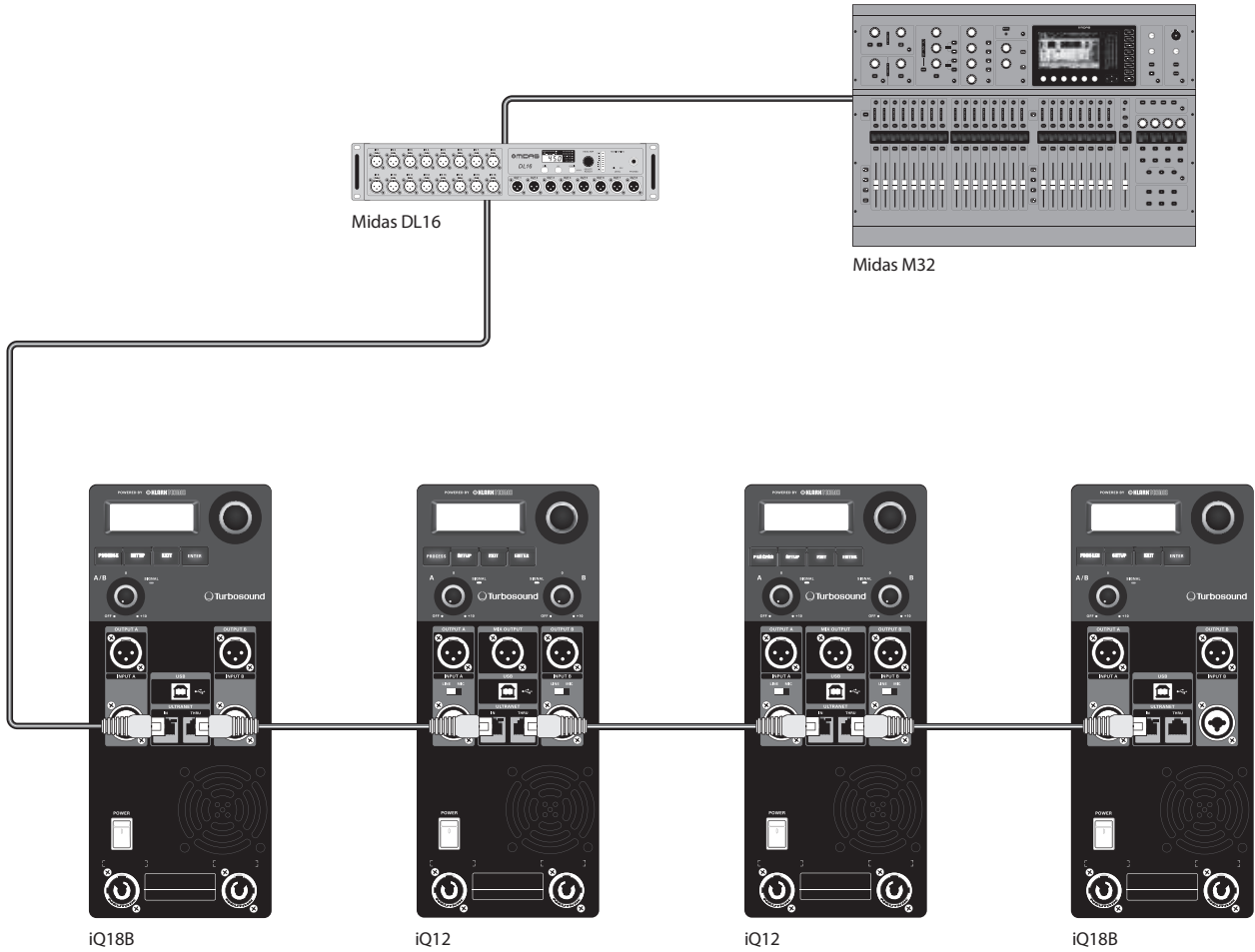
- 1 **LCD SCREEN** displays the current DSP module and parameter settings.
- 2 **SETUP** button steps through parameters within DSP processing modules.
- 3 **PROCESS** button steps through the DSP processing modules.
- 4 **SIGNAL LED** lights up to indicate the channel is receiving a signal.
- 5 **GAIN** controls adjust the analogue input level. To increase signal gain, rotate the controls clockwise; to reduce the gain, rotate the knobs counter-clockwise. (Fullrange models have separate GAIN knobs for channels A and B, while iQ15B and iQ18B subwoofers have a single dedicated A/B knob for both channels.)
- 6 **OUTPUT A/OUTPUT B** XLR connectors provide un-processed copies of the INPUT A or INPUT B signals.
- 7 **LINE/MIC** switch adjusts the input sensitivity for INPUT A and INPUT B.
- 8 **INPUT A/INPUT B** combo jacks accept input signals using XLR, balanced 1/4" TRS or unbalanced 1/4" TS connectors.
- 9 **POWER** switch turns the unit on and off.
- 10 **AC INPUT** accepts power connections from power cables fitted with Neutrik powerCON twist-locking connectors.
- 11 **ENCODER KNOB** toggles between Graphic and Edit modes (when pressed) and changes parameter values (when rotated).
- 12 **EXIT** button returns to the top-level DSP screen when pressed.
- 13 **ENTER** button saves changes and deactivates Edit mode when pressed.
- 14 **MIX OUTPUT** XLR jack (unavailable on iQ15B and iQ18B subwoofers) sends out a post-GAIN signal composed of the summed INPUT A and INPUT B signals.
- 15 **USB** connection enables firmware updates and remote control over parameters via computer. Please visit [Turbosound.com](https://www.turbosound.com) to download DSP control software for your computer.
- 16 **ULTRANET THRU** sends out unprocessed digital audio from the ULTRANET IN connector to additional ULTRANET-equipped devices.
- 17 **ULTRANET IN** RJ45 plug comes with 2 linked green status LEDs. Whenever a CAT5 cable has been connected, and a valid ULTRANET signal is detected, both LEDs will light up simultaneously to indicate that the ULTRANET signal is ready to use.
- 18 **VENTILATION FAN** speed adjusts automatically to ensure trouble-free operation.
- 19 **AC LINK OUTPUT** connects power to other devices using power cables with Neutrik powerCON twist-locking connectors.

Networking capability

All iQ powered loudspeakers offer remote control via USB. The USB connection allows the user to configure and monitor all DSP parameters using dedicated iQ software for PC.

The DSP firmware can also be updated via the USB connection. Visit Turbosound.com for the latest firmware version.

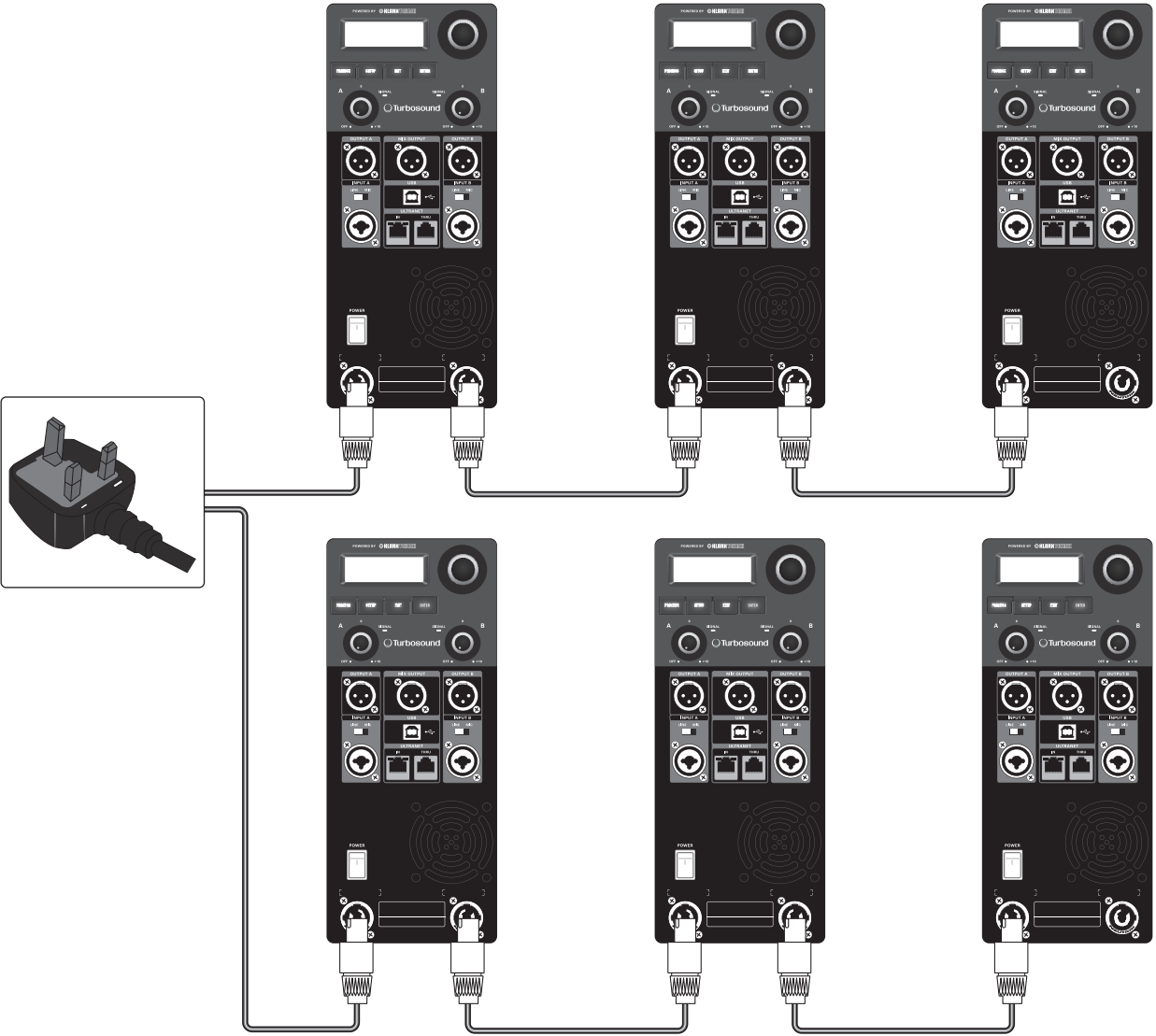
iQ speakers also offer proprietary ULTRANET networking capabilities through the ULTRANET IN and THRU connections using CAT5 cables with RJ45 connectors. ULTRANET allows the user to transmit unidirectionally up to 16 independent channels of 24-bit audio throughout the iQ system, as well as other ULTRANET-equipped devices such as digital mixers and personal monitor systems. Up to 7 devices can be connected in series on a single ULTRANET cable. ULTRANET can also be used for remote control of the iQ selection of modeled speakers.



ULTRANET connection with Midas M32 digital mixer and Midas DL16 digital snake

Networked mains power

iQ loudspeakers also facilitate networked transmission of mains power using power cables with Neutrik powerCON locking power connectors. To set up networked mains power between iQ loudspeakers, first run a power cable terminating in a powerCON connector to the AC INPUT connector on the rear panel. To power additional speakers downline, run power cables equipped with powerCON connectors at both ends from the first speaker's AC LINK OUTPUT to the AC INPUT of the next iQ loudspeaker in series. The maximum number of linked systems depends on the AC supply voltage as well as the maximum current draw of the individual systems in the power chain. When linking a power chain, make sure that the integrated connectors as well as the supplied AC mains cable are never overloaded. If you are uncertain how to calculate the total current draw, please contact your dealer.



iQ speakers powered in series

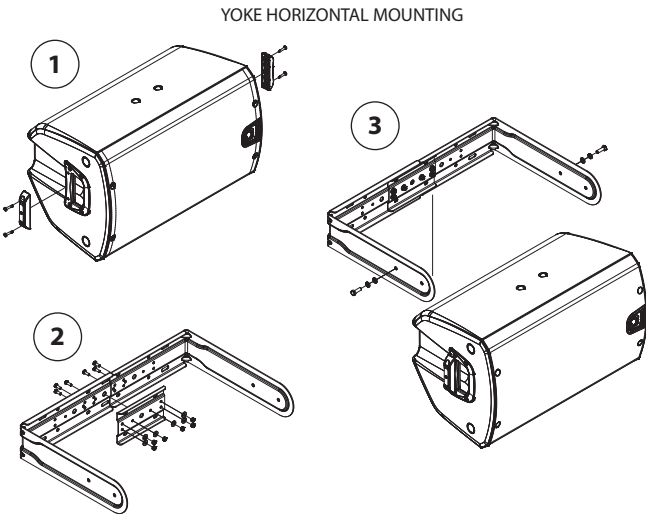
Mounting and fixing

iQ series powered loudspeakers are designed with multiple internal rigging points to suit many possible mounting methods in permanent installations. All cabinets can be simply suspended using optional M10 eyebolts coupled to the internal rigging points provided on the top, bottom, sides and back. The simplest method is to use the two rigging points on the top and a single pull-back rigging point in the centre of the rear panel. Remove the appropriate plastic caps and insert eyebolts, which must have a thread length of at least 30 mm. Use the rear rigging point to angle the cabinet for optimum room coverage.

Wall and Ceiling Brackets

Turbosound iQ8-WB, iQ10-WB, iQ12-WB and iQ15-WB wall and ceiling brackets are optionally available for iQ series.

The graphic below shows the assembly of the optional mounting brackets (iQ8-WB, iQ10-WB, iQ12-WB and iQ15-WB).



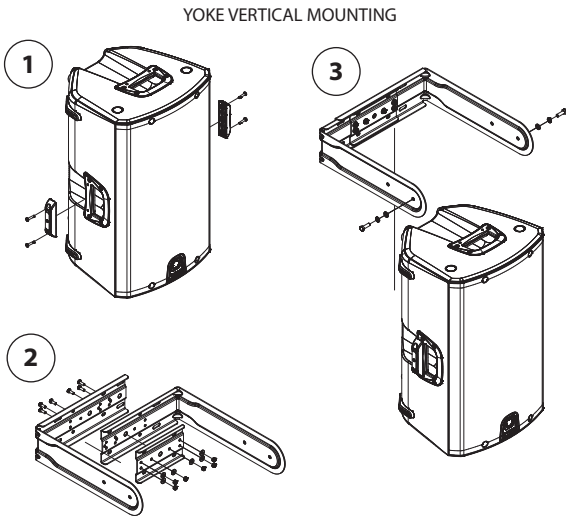
Step 1: Secure Yoke Spacers

ITEM	DESCRIPTION	QUANTITY
1	Yoke spacer	2
2	M5 x 25 mm screw with nylon thread locking	4

Step 2: Assemble Steel Yoke Bracket: iQ12 and iQ15

ITEM	DESCRIPTION	QUANTITY
1	Steel yoke bracket 1	1
2	Steel yoke bracket 2	1
3	Steel yoke bracket 3	1
4	M6 plain washer	6
5	M6 x 16 mm screw	6
6	M6 nylon locking nut	6

NOTE: For iQ8 and iQ10, the finished bracket requires only 2 pieces, while the iQ12 and iQ15 bracket requires 3 pieces.



Step 2: Assemble Steel Yoke Bracket: iQ8 and iQ10

ITEM	DESCRIPTION	QUANTITY
1	Steel yoke bracket 1	1
2	Steel yoke bracket 2	1
3	M5 x 15 mm screw	2(iQ8) 4(iQ10)
4	M5 plain washer	2(iQ8) 4(iQ10)
5	M5 nylon locking nut	2(iQ8) 4(iQ10)

Step 3: Place Speaker Into Yoke Bracket

ITEM	DESCRIPTION	QUANTITY
1	Steel yoke bracket assembly	1
2	M8 x 25 mm screw	2
3	M8 plain washer	2
4	M8 spring lock washer	2

Pole Mounting

Fullrange iQ loudspeaker models (iQ8, iQ10, iQ12 and iQ15) may also be pole mounted, either independently or in conjunction with iQ subwoofer models (iQ15B, iQ18B). The iQ pole mount sockets allow fullrange models to be mounted straight or angled 7.5° downwards for optimum coverage.

iQ10, iQ12 and iQ15 models may also be placed on one side and deployed as wedge monitors. These models have been designed with sides angled at 48° to help with upward sound dispersion.

Transport

The subwoofers are supplied with castors for ease of transportation when used as a portable sound system. To assemble the castors to the back of the cabinets, remove the 16 bolts from the rear of the speaker, align the castors with the mount holes and replace the bolts.

IMPORTANT NOTE: The mounting of a permanently installed sound system may be dangerous unless undertaken by qualified personnel with the required experience and certification to perform the necessary tasks. Walls, floors or ceilings must be capable of safely and securely supporting the actual load. The mounting accessory used must be safely and securely fixed both to the loudspeaker and to the wall, floor or ceiling.

When mounting rigging components on walls, floors or ceilings, ensure that all fixings and fasteners used are of an appropriate size and load rating. Wall and ceiling claddings, and the construction and composition of walls and ceilings, all need to be taken into account when determining whether a particular fixing arrangement can be safely employed for a particular load. Cavity plugs or other specialist fixings, if required, must be of an appropriate type, and must be fitted and used in accordance with the maker’s instructions.

The operation of your speaker cabinet as part of a flown system, if installed incorrectly and improperly, can potentially expose persons to serious health risks and even death. In addition, please ensure that electrical, mechanical and acoustic considerations are discussed with qualified and certified (by local state or national authorities) personnel prior to any installation or flying.

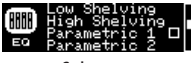
Make sure that speaker cabinets are set up and flown by qualified and certified personnel only, using dedicated equipment and original parts and components delivered with the unit. If any parts or components are missing please contact your Dealer before attempting to set up the system.

Be sure to observe the local, state and other safety regulations applicable in your country. Music Group, including the Music Group companies listed on the enclosed “Service Information Sheet”, assumes no liability for any damage or personal injury resulting from improper use, installation or operation of the product. Regular checks must be conducted by qualified personnel to ensure that the system remains in a secure and stable condition. Make sure that, where the speaker is flown, the area underneath the speaker is free of human traffic. Do not fly the speaker in areas that can be entered or used by members of the public.

Speakers create a magnetic field, even if not in operation. Therefore, please keep all materials that can be affected by such fields (discs, computers, monitors, etc) at a safe distance. A safe distance is usually between 1 and 2 metres.

iQ DSP Menu Structure

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		Fullrange	Subwoofer	Function
	PROCESS		MODEL	Model "xyz"
	EQ		XOVER	Model "xyz"
(alt., MODEL active)	EQ	None	None	Choose from different sound Models, either the Turbosound signature voicing or a DSP model of an industry standard product.
		Live	Live	Sets the frequency response to the default setting.
		Speech	Speech	Sets the frequency response to a typical live sound setting.
		Playback	Playback	Sets the frequency response for optimal speech intelligibility.
		User	User	Sets the frequency response ideal for Music playback.
		Low/ High Shelving	Low/ High Shelving	Lets you define your own frequency response setting by entering the corresponding sub menu.
		Parametric 1 & 2	Parametric 1 & 2	Lets you define a low and high shelving filter.
		None	None	Lets you define a parametric bell-type EQ (Frequency, Qual and Gain).
		—	iQ8	Unit is set for default full range/ subwoofer reproduction.
		—	iQ10	Preset with ideal settings for use in combination with iQ8 fullrange speaker.
		—	iQ12	Preset with ideal settings for use in combination with iQ10 fullrange speaker.
		—	iQ15	Preset with ideal settings for use in combination with iQ12 fullrange speaker.
		iQ15B	—	Preset with ideal settings for use in combination with iQ15 fullrange speaker.
		iQ18B	—	Preset with high pass alignment for iQ15B subwoofer.
		User	User	Preset with high pass alignment for iQ18B subwoofer.
		Freq	Freq	User crossover sub menu for combination with other fullrange or subwoofer speaker systems.
		Phase	Phase	Select the desired crossover frequency: For Fullrange Systems: 75 Hz to 400 Hz For Subwoofer Systems: 50 Hz to 150 Hz
				Adjust the absolute phase (0° or 180°)

		Fullrange	Subwoofer	Function
	 FBQ	Auto	Auto	Automatically sets as many filters as required. Whenever a new feedback frequency is discovered, the first filter will be released to attenuate the new frequency, and so forth.
		Single	Single	Activates the FBQ (feedback detection) functionality, up to 8 feedback filters.
		Learn	Learn	Automatic procedure which searches for feedback frequencies and locks settings after all 8 filters have been set. WARNING! Please use ear protection during this procedure. The feedback signal may approach the system's maximum level, which may cause hearing damage!
		Reset	Reset	Resets all filters.
 SETUP (page 1)	 INPUT	Input	Input	Lets you choose the audio input source. Choose between 'Analogue', 'Ultranet' (e.g., P16 monitoring system or M32 audio via ULTRANET) and 'Auto' (automatically switches to Analogue, when no ULTRANET is connected). The page also shows the hardware (e.g., HW: A or B) and the firmware version (e.g., FW: V2.2).
	 Channel	Channel	Channel	Select the ULTRANET P16 digital input channel.
	 Trim	Trim	Trim	Adjusts the input gain of the ULTRANET digital inputs in a range fm +10 dB to -30 dB
		Remote	Remote	Enables ULTRANET remote control functionality in order to protect against misuse.
		VU	VU	Displays the respective input level of all 16 channels receiving via ULTRANET; only visible when ULTRANET input is selected.
	 POSITION	Stand	Floor	For positioning the speaker on a pole mount stand (fullrange) or on the floor (subwoofer).
		Wall	Wall	For positioning the speaker on or next to a wall (fixed install); alternatively as a monitor speaker (wedge).
		Ceiling	—	For positioning the speaker on a wall next to the ceiling (fixed install).
		Corner	Corner	For positioning the speaker in a corner next to the ceiling (fixed install); For positioning the speaker in a corner (subwoofer).
	 DELAY	Delay	Delay	Adjusts the amount of delay (max 300msec = 103.08m or 338.19 feet).
		Unit	Unit	Selects between msec, meter and feet.
 SETUP (page 2)	 LIMITER	Limit	Limit	Adjust the limiter threshold for the input signal (from OFF up to -30 dB). This threshold adjustment allows you to set a max output power which is below the iQ system's rated max output.

Technical Specifications

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	iQ8	iQ10	iQ12
System			
Frequency response	60 Hz – 18 kHz ±3 dB 55 Hz – 20 kHz -10 dB	55 Hz – 18 kHz ±3 dB 50 Hz – 20 kHz -10 dB	52 Hz – 18 kHz ±3 dB 45 Hz – 20 kHz -10 dB
Nominal dispersion	90° H x 90° V @ -6 dB points	90° H x 60° V @ -6 dB points	80° H x 60° V @ -6 dB points
Maximum SPL	128 dB peak	129 dB peak	130 dB peak
Crossover type	Active	Active	Active
Transducers	1 x 8" (208 mm) LF driver 1 x 1" (25.4 mm) HF compression driver	1 x 10" (256 mm) LF driver 1 x 1" (25.4 mm) HF compression driver	1 x 12" (308.5 mm) LF driver 1 x 1" (25.4 mm) HF compression driver
Limiter	Independent HF, LF, peak and rms	Independent HF, LF, peak and rms	Independent HF, LF, peak and rms
Amplifier			
Maximum output power*	2,500 W	2,500 W	2,500 W
Type	Class-D	Class-D	Class-D
Protection	Short circuit, open circuit, thermal	Short circuit, open circuit, thermal	Short circuit, open circuit, thermal
Connectors			
Input A / B	2 x combo jack/XLR	2 x combo jack/XLR	2 x combo jack/XLR
Sensitivity	Line +4 dBu, mic -22 dBu, switchable	Line +4 dBu, mic -22 dBu, switchable	Line +4 dBu, mic -22 dBu, switchable
Input impedance	20 kΩ unbalanced, 40 kΩ balanced	20 kΩ unbalanced, 40 kΩ balanced	20 kΩ unbalanced, 40 kΩ balanced
Maximum input level	+21 dBu	+21 dBu	+21 dBu
Output A / B	2 x XLR Linked to input	2 x XLR Linked to input	2 x XLR Linked to input
Mix output	XLR, balanced	XLR, balanced	XLR, balanced
Output impedance	100 Ω unbalanced, 200 Ω balanced	100 Ω unbalanced, 200 Ω balanced	100 Ω unbalanced, 200 Ω balanced
Ultraset input/link	2 x RJ45	2 x RJ45	2 x RJ45
Mains Supply	Neutrik powerCON input 20A and link 15A	Neutrik powerCON input 20A and link 15A	Neutrik powerCON input 20A and link 15A
Controls			
DSP	Rotary push-encoder Buttons for PROCESS, SETUP, EXIT, ENTER	Rotary push-encoder Buttons for PROCESS, SETUP, EXIT, ENTER	Rotary push-encoder Buttons for PROCESS, SETUP, EXIT, ENTER
Mixer section	2 x gain controls (channels A and B) 2 x Line/Mic switch	2 x gain controls (channels A and B) 2 x Line/Mic switch	2 x gain controls (channels A and B) 2 x Line/Mic switch
User DSP Functions			
Factory EQ presets	Positioning, Sound mode, Sound Modeling, FBQ	Positioning, Sound mode, Sound Modeling, FBQ	Positioning, Sound mode, Sound Modeling, FBQ
Display	LCD 128 x 32, blue backlit	LCD 128 x 32, blue backlit	LCD 128 x 32, blue backlit
Delay	0 - 300 ms	0 - 300 ms	0 - 300 ms
Equalisation	High and low shelving EQ 2 x parametric EQ	High and low shelving EQ 2 x parametric EQ	High and low shelving EQ 2 x parametric EQ
Limiter	Zero attack input limiter	Zero attack input limiter	Zero attack input limiter
Presets	20 total presets, 19 user-definable	20 total presets, 19 user-definable	20 total presets, 19 user-definable
Crossover	High Pass L-R 24 dB/oct	High Pass L-R 24 dB/oct	High Pass L-R 24 dB/oct
Protection	Lock-out function for all settings	Lock-out function for all settings	Lock-out function for all settings

	iQ8	iQ10	iQ12
Ultraset Digital Network			
System			
Signal Latency	16 channels < 0.9 ms	16 channels < 0.9 ms	16 channels < 0.9 ms
Cabling			
Cables			
Cable length	Shielded CAT5 max. 246 ft / 75 m recommended	Shielded CAT5 max. 246 ft / 75 m recommended	Shielded CAT5 max. 246 ft / 75 m recommended
Power Supply			
Power consumption	150 W @ ¼ max power	150 W @ ¼ max power	150 W @ ¼ max power
Voltage (fuses)			
USA / Canada	120 V~, 60 Hz (T 15 A H 250 V)	120 V~, 60 Hz (T 15 A H 250 V)	120 V~, 60 Hz (T 15 A H 250 V)
UK / Australia / Europe	220-240 V~, 50/60 Hz (T 10 A H 250 V)	220-240 V~, 50/60 Hz (T 10 A H 250 V)	220-240 V~, 50/60 Hz (T 10 A H 250 V)
Korea / China	220-240 V~, 50/60 Hz (T 10 A H 250 V)	220-240 V~, 50/60 Hz (T 10 A H 250 V)	220-240 V~, 50/60 Hz (T 10 A H 250 V)
Japan	100 V~, 50/60 Hz (T 15 A H 250 V)	100 V~, 50/60 Hz (T 15 A H 250 V)	100 V~, 50/60 Hz (T 15 A H 250 V)
Enclosure			
Dimensions HWD	457 x 279 x 279 mm (18.0 x 11.0 x 11.0")	526 x 324 x 316 mm (20.7 x 12.7 x 12.4")	609 x 370 x 370 mm (24.0 x 14.5 x 14.5")
Net weight	14.7 kg (32 lbs)	17.2 kg (38 lbs)	21.1 kg (46 lbs)
Construction	Injection-moulded polypropylene enclosure	Injection-moulded polypropylene enclosure	Injection-moulded polypropylene enclosure
Finish	Black painted	Black painted	Black painted
Grille	Powder coated perforated steel	Powder coated perforated steel	Powder coated perforated steel
Flying hardware	M10 x 3 points	M10 x 3 points	M10 x 3 points
Accessories			
	IQ8-WB Steel wall bracket	IQ10-WB Steel wall bracket	IQ12-WB Steel wall bracket

Other important information

EN Important information

1. Register online. Please register your new Music Tribe equipment right after you purchase it by visiting musictribe.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.

2. Malfunction. Should your Music Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under “Support” at musictribe.com. Should your country not be listed, please check if your problem can be dealt with by our “Online Support” which may also be found under “Support” at musictribe.com. Alternatively, please submit an online warranty claim at musictribe.com BEFORE returning the product.

3. Power Connections. Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

FR Informations importantes

1. Enregistrez-vous en ligne. Prenez le temps d’enregistrer votre produit Music Tribe aussi vite que possible sur le site Internet musictribe.com. Le fait d’enregistrer le produit en ligne nous permet de gérer les réparations plus rapidement et plus efficacement. Prenez également le temps de lire les termes et conditions de notre garantie.

2. Dysfonctionnement. Si vous n’avez pas de revendeur Music Tribe près de chez vous, contactez le distributeur Music Tribe de votre pays : consultez la liste des distributeurs de votre pays dans la page “Support” de notre site Internet musictribe.com. Si votre pays n’est pas dans la liste, essayez de résoudre votre problème avec notre “aide en ligne” que vous trouverez également dans la section “Support” du site musictribe.com. Vous pouvez également nous faire parvenir directement votre demande de réparation sous garantie par Internet sur le site musictribe.com AVANT de nous renvoyer le produit.

3. Raccordement au secteur. Avant de relier cet équipement au secteur, assurez-vous que la tension secteur de votre région soit compatible avec l’appareil. Veuillez à remplacer les fusibles uniquement par des modèles exactement de même taille et de même valeur électrique — sans aucune exception.

PT Outras Informações Importantes

1. Registre-se online. Por favor, registre seu novo equipamento Music Tribe logo após a compra visitando o site musictribe.com Registrar sua compra usando nosso simples formulário online nos ajuda a processar seus pedidos de reparos com maior rapidez e eficiência. Além disso, leia nossos termos e condições de garantia, caso seja necessário.

2. Funcionamento Defeituoso. Caso seu fornecedor Music Tribe não esteja localizado nas proximidades, você pode contatar um distribuidor Music Tribe para o seu país listado abaixo de “Suporte” em musictribe.com. Se seu país não estiver na lista, favor checar se seu problema pode ser resolvido com o nosso “Suporte Online” que também pode ser achado abaixo de “Suporte” em musictribe.com. Alternativamente, favor enviar uma solicitação de garantia online em musictribe.com ANTES da devolução do produto.

3. Ligações. Antes de ligar a unidade à tomada, assegure-se de que está a utilizar a voltagem correcta para o modelo em questão. Os fusíveis com defeito terão de ser substituídos, sem qualquer excepção, por fusíveis do mesmo tipo e corrente nominal.

ES Aspectos importantes

1. Registro online. Le recomendamos que registre su nuevo aparato Music Tribe justo después de su compra accediendo a la página web musictribe.com. El registro de su compra a través de nuestro sencillo sistema online nos ayudará a resolver cualquier incidencia que se presente a la mayor brevedad posible. Además, aproveche para leer los términos y condiciones de nuestra garantía, si es aplicable en su caso.

2. Averías. En el caso de que no exista un distribuidor Music Tribe en las inmediaciones, puede ponerse en contacto con el distribuidor Music Tribe de su país, que encontrará dentro del apartado “Support” de nuestra página web musictribe.com. En caso de que su país no aparezca en ese listado, acceda a la sección “Online Support” (que también encontrará dentro del apartado “Support” de nuestra página web) y compruebe si su problema aparece descrito y solucionado allí. De forma alternativa, envíenos a través de la página web una solicitud online de soporte en periodo de garantía ANTES de devolvernos el aparato.

3. Conexiones de corriente. Antes de enchufar este aparato a una salida de corriente, asegúrese de que dicha salida sea del voltaje adecuado para su modelo concreto. En caso de que deba sustituir un fusible quemado, deberá hacerlo por otro de idénticas especificaciones, sin excepción.

DE Weitere wichtige Informationen

1. Online registrieren. Bitte registrieren Sie Ihr neues Music Tribe-Gerät direkt nach dem Kauf auf der website musictribe.com. Wenn Sie Ihren Kauf mit unserem einfachen online Formular registrieren, können wir Ihre Reparaturansprüche schneller und effizienter bearbeiten. Lesen Sie bitte auch unsere Garantiebedingungen, falls zutreffend.

2. Funktionsfehler. Sollte sich kein Music Tribe Händler in Ihrer Nähe befinden, können Sie den Music Tribe Vertrieb Ihres Landes kontaktieren, der auf musictribe.com unter „Support“ aufgeführt ist. Sollte Ihr Land nicht aufgelistet sein, prüfen Sie bitte, ob Ihr Problem von unserem „Online Support“ gelöst werden kann, den Sie ebenfalls auf musictribe.com unter „Support“ finden. Alternativ reichen Sie bitte Ihren Garantieanspruch online auf musictribe.com ein, BEVOR Sie das Produkt zurücksenden.

3. Stromanschluss. Bevor Sie das Gerät an eine Netzsteckdose anschließen, prüfen Sie bitte, ob Sie die korrekte Netzspannung für Ihr spezielles Modell verwenden. Fehlerhafte Sicherungen müssen ausnahmslos durch Sicherungen des gleichen Typs und Nennwerts ersetzt werden.

IT Informazioni importanti

1. Registratevi online. Vi invitiamo a registrare il nuovo apparecchio Music Tribe subito dopo averlo acquistato visitando musictribe.com. La registrazione dell'acquisto tramite il nostro semplice modulo online ci consente di elaborare le richieste di riparazione in modo più rapido ed efficiente. Leggete anche i termini e le condizioni della nostra garanzia, qualora applicabile.

2. Malfunzionamento. Nel caso in cui il rivenditore autorizzato Music Tribe non si trovi nelle vostre vicinanze, potete contattare il Music Tribe Authorized Fulfiller per il vostro paese, elencato in “Support” @ musictribe.com. Se la vostra nazione non è elencata, controllate se il problema può essere risolto tramite il nostro “Online Support” che può anche essere trovato sotto “Support” @ musictribe.com. In alternativa, inviate una richiesta di garanzia online su musictribe.com PRIMA di restituire il prodotto.

3. Collegamento all'alimentazione. Prima di collegare l'unità a una presa di corrente, assicuratevi di utilizzare la tensione di rete corretta per il modello specifico. I fusibili guasti devono essere sostituiti, senza eccezioni, con fusibili dello stesso tipo e valore nominale.

NL Belangrijke informatie

1. Registreer online. Registreer uw nieuwe Music Tribe-apparatuur direct nadat u deze hebt gekocht door naar musictribe.com te gaan. Door uw aankoop te registreren via ons eenvoudige online formulier, kunnen wij uw reparatieclaims sneller en efficiënter verwerken. Lees ook de voorwaarden van onze garantie, indien van toepassing.

2. Storing. Mocht uw door Music Tribe geautoriseerde wederverkoper niet bij u in de buurt zijn gevestigd, dan kunt u contact opnemen met de door Music Tribe Authorized Fulfiller voor uw land vermeld onder “Support” op musictribe.com. Als uw land niet in de lijst staat, controleer dan of uw probleem kan worden opgelost door onze “Online Support”, die u ook kunt vinden onder “Support” op musictribe.com. U kunt ook een online garantieclaim indienen op musictribe.com VOORDAT u het product retourneert.

3. Stroomaansluitingen. Voordat u het apparaat op een stopcontact aansluit, moet u ervoor zorgen dat u de juiste netspanning voor uw specifieke model gebruikt. Defecte zekeringen moeten zonder uitzondering worden vervangen door zekeringen van hetzelfde type en dezelfde waarde.

SE Viktig information

1. Registrera online. Registrera din nya Music Tribe-utrustning direkt efter att du köpt den genom att besöka musictribe.com. Att registrera ditt köp med vårt enkla onlineformulär hjälper oss att behandla dina reparationsanspråk snabbare och mer effektivt. Läs också villkoren i vår garanti, om tillämpligt.

2. Fel. Om din Music Tribe-auktoriserade återförsäljare inte finns i din närhet kan du kontakta Music Tribe Authorized Fulfiller för ditt land listat under “Support” på musictribe.com. Om ditt land inte är listat, kontrollera om ditt problem kan hanteras av vår “Onlinesupport” som också finns under “Support” på musictribe.com. Alternativt kan du skicka in ett online-garantianspråk på musictribe.com INNAN du returnerar produkten.

3. Strömanslutningar. Innan du ansluter enheten till ett eluttag, se till att du använder rätt nätspanning för just din modell. Felaktiga säkringar måste bytas ut mot säkringar av samma typ och märkning utan undantag.

PL Ważna informacja

1. Zarejestrować online. Zarejestruj swój nowy sprzęt Music Tribe zaraz po zakupie na stronie musictribe.com. Zarejestrowanie zakupu za pomocą naszego prostego formularza online pomaga nam szybciej i efektywniej rozpatrywać roszczenia dotyczące naprawy. Przeczytaj również warunki naszej gwarancji, jeśli dotyczy.

2. Awaria. Jeśli Twój autoryzowany sprzedawca Music Tribe nie znajduje się w pobliżu, możesz skontaktować się z autoryzowanym dostawcą Music Tribe dla swojego kraju, wymienionym w sekcji „Wsparcie” na stronie musictribe.com. Jeśli Twojego kraju nie ma na liście, sprawdź, czy Twój problem może zostać rozwiązany przez nasze „Wsparcie online”, które można również znaleźć w sekcji „Wsparcie” na stronie musictribe.com. Alternatywnie, prześlij zgłoszenie gwarancyjne online na musictribe.com PRZED zwrótem produktu.

3. Połączenia zasilania. Przed podłączeniem urządzenia do gniazdka sieciowego upewnij się, że używasz odpowiedniego napięcia sieciowego dla danego modelu. Wadliwe bezpieczniki należy bez wyjątku wymienić na bezpieczniki tego samego typu i wartości.

EN

ES

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FEDERAL COMMUNICATIONS
COMMISSION COMPLIANCE
INFORMATION

Turbosound

iQ Series

Responsible Party Name: **Music Tribe Commercial NV Inc.**
Address: **122 E. 42nd St.1,
8th Floor NY, NY 10168,
United States**
Email Address: **legal@musictribe.com**

iQ Series

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.

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.

Important information:

Changes or modifications to the equipment not expressly approved by Music Tribe can void the user’s authority to use the equipment.



Hereby, Music Tribe declares that this product is in compliance with Directive 2014/35/EU, Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at <https://community.musictribe.com/>

EU Representative: Music Tribe Brands DK A/S
Address: Gammel Strand 44, DK-1202 København K, Denmark

UK Representative: Music Tribe Brands UK Ltd.
Address: 6 Lloyds Avenue, Unit 4CL London EC3N 3AX, United Kingdom

