



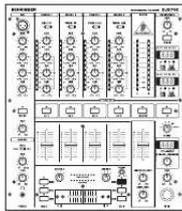
Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for BEHRINGER DJX750. You'll find the answers to all your questions on the BEHRINGER DJX750 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BEHRINGER DJX750
User guide BEHRINGER DJX750
Operating instructions BEHRINGER DJX750
Instructions for use BEHRINGER DJX750
Instruction manual BEHRINGER DJX750

ENGLISH

User Manual



Your purchase

of the BEHRINGER PRO MIXER DJX750 has put you at the forefront of today's trends in DJ mixing consoles. Numerous features, such as beat counter, insert loop and digital effects processor, enable you to work in completely new and creative ways. The DJX750 is a mixer for professional use, it is extremely easy to operate and it helps you give free rein to your creativity. Time is tight and if you don't want to be left in the dust, you'd better get moving. To help you along, we have developed an excellent DJ mixing console with the most popular new features and technologies. It is perfectly suited for use in dance clubs or for DJ systems and is sure to deliver tons of pure fun. Be honest: who really likes to read manuals? We know you want to get started right away, but it is only after reading these instructions that you will fully understand and be able to properly use all the features your DJX750 has to offer. Take the time to read everything through!

This manual is available in English, German, French, Spanish, Italian, Russian, Polish, Dutch, Finnish, Swedish, Danish, Portuguese, Greek, Japanese and Chinese. There may also be more current versions of this document. Download them by going to the appropriate product page at:

www.behringer.com
ASO 95639-00001

PRO MIXER DJX750

Professional 5-Channel DJ Mixer with Advanced Digital Effects and BPM Counter

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Manual abstract:

It is perfectly suited for use in dance clubs or for DJ systems and is sure to deliver tons of pure fun. Be honest: who really likes to read manuals? We know you want to get started right away, but it is only after reading these instructions that you will fully understand and be able to properly use all the features your DJX750 has to offer. Take the time to read everything through! Table of Contents Your purchase

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A50-95630-08001 ENGLISH 2 PRO MIXER DJX750 User Manual ENGLISH Safety Instructions * ! ! Caution 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. Caution {1} {2} {3} {4} {5} {6} {7} {8} {9} ! Caution This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual. 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. 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. 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. Caution [10] [11] [12] [13] [14] [15] [16] Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water. Clean only with dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

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 groundingtype 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. Place the power cord so that it is protected from being walked on and sharp edges. Be sure that the power cord is protected particularly at plugs, convenience receptacles and the point where it exits from the apparatus. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable. Only use attachments/accessories specified by the manufacturer.

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

PRO MIXER DJX750 User Manual Control elements Stereo channels 1 to 4 {1} Use the LINE/CD switch to select the input signal for channel 1. Unlike other channels, channel 1 features two line inputs. {2} You determine the input signals for the channels 2 to 4 with the PHONO/CD i. e. PHONO/LINE switch (channels 3 and 4).

"Phono" is intended for connecting a turntable. "Line" i. e. "CD" must be selected for all other signal sources (e. g. CD or MD players). The input sensitivity of the phono input can be switched to line level, allowing utmost flexibility (see [41]). Never connect devices with line level to the highly sensitive phono inputs! The output level of phono pick-up systems is measured in millivolts, whereas CD players and tape decks have levels measured in volts, i.e. the level from line signals is up to 100 times higher than that of the phono inputs.

ENGLISH 3 4 {3} The GAIN control in the CHANNEL section is used to adjust the level of the input signal. The level meter {5} reads the input level. {4} Each of the input channels features a 3-band equalizer (HI, MID and LOW) with kill characteristic. Thus, the signal can be attenuated to a much greater extent (-32 dB) than it can be raised (+12 dB). This function can be very useful when, for example, fading a frequency range out of a music track. The overall level also depends on the EQ setting. Thus, you should adjust the equalizer before setting the input gain with the GAIN control. {5} The 10-digit LED chains display the signal level of the input signals. {6} Adjust the channel volume using the CHANNEL fader. PRO MIXER DJX750 User Manual its right-most position, you hear the MASTER signal only.

Alternating the MIX control between the two end positions lets you determine the relative ratio between the two signals in your headphones. [14] The Level control determines the volume of the headphones signal. [15] Connect your headphones using PHONES OUT stereo connector. Your headphones should have a minimum impedance of 32 Ohms. [16] To select the PFL signal for the headphones, use the MONITOR CUE keys (CH-1 to CH-4, MASTER, FX).

You can also select multiple signal sources and listen to them simultaneously. LEDs on corresponding keys are lit when a channel is routed to the headphones. ENGLISH Microphone channel MASTER section {7} The MIC IN connector is the balanced XLR input for your dynamic microphone. {8} Set the volume of the microphone signal with the GAIN control in the MIC section. {9} There is a 3-band equalizer (HI, MID and LOW, no kill characteristic) in the microphone section.

This allows you to fine-tune your voice to adapt perfectly to your sound. [10] Activate the microphone channel using the MIC ON switch.



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The channel is active when the corresponding LED is lit. [11] The DJX750 is equipped with a talkover function, which works very simply: if you speak into the microphone while a track is running, the volume of the music is automatically reduced, so that your voice is always "in front". The TALK control allows you to determine how much the music volume is lowered (max. -24 dB). This function can come in handy when your own voice needs to be prominently heard, as in when making an announcement etc. [17] The LEVEL METER displays the level of the MASTER signal. [18] The MASTER fader allows you to adjust the output volume at the MASTER output (see [44]). [19] The MASTER BALANCE control for the MASTER output is for setting the stereo image.

[20] The BOOTH LEVEL control adjusts the output level of the BOOTH output (see [45]). Crossfader section MONITOR section The MONITOR signal is your headphones signal, allowing you to listen to music without affecting the MASTER output signal. [12] When the MODE switch is in the "Split" position, channel PFL is located on the left side of the headphones, while the MASTER signal is on the right side. In this case, the MIX control (see below) serves no function. While in "Stereo" mode, you can use the MIX control to alternate between MASTER signal and PFL. [13] When in "Stereo" mode, the MIX control lets you determine which signal can be heard via the headphones. When the control is turned to its left-most position (CUE), you hear the PFL signal only; when the control is turned to [21] ASSIGN A and ASSIGN B selectors let you determine which input signals are routed to CROSSFADER sides A and B. You can also alternate between these two signals by using the CROSSFADER (see below). [22] The VCA controlled CROSSFADER is used to fade between the channels you have selected (see [21]). Like the channel faders, the crossfader section is equipped with a professional 45-mm fader.

[23] The TIME OFFSET LED indicates the synchronisation of tracks (see chapter 2.7). [24] The TEMPO DIFFERENCE LED displays tempo differences between the tracks (see chapter 2.7). [25] A 3-band kill switch is available for use with both the left and the right side of the crossfader (KILL A and KILL B respectively).

Kill switches are used to lower three separate frequency ranges (LOW, MID and HIGH) up to -32 dB. When using the kill switch, the equalizer of ordinary DJ mixers usually loses its functionality. @@@@The beat counter then attempts to get another readout. @@To exit t; When the new effect has been loaded, turn the PROGRAM control (35) to change the effect's parameters. The parameter value is shown on the display.

@@@The selectable range is from 80 to 160 BPM. @@@@[40] The ⚡ connectors ground the turntables. @@@e. CD inputs to connect a tape deck, CD or MD player etc. @@@@ Always turn the power amps on last to avoid inrush currents that can easily damage your speakers.

And, to avoid sudden and unpleasant surprises for your ears, make sure there is no signal at the DJX750 before turning on the power amps. To be sure, slide all the faders to the bottom and switch all controls to the zero position. [45] The BOOTH output gives you an additional option of connecting an amplifier in order to, for example, feed the signal into your monitors or to bring sound to an extra area. The BOOTH output level is regulated by using the BOOTH LEVEL control [20] of the MASTER section. [46] Using the TAPE output you can record your music by connecting devices such as tape decks, DAT recorders etc.

Unlike the MASTER output, the output volume is fixed, PRO MIXER DJX750 User Manual making it necessary for you to adjust the input level on the recording device. [47] The POWER switch powers the DJX750 on. You should always make sure that the POWER switch is in the "Off" position when initially connecting the unit to the mains. Merely switching the unit off does not mean that it is fully disconnected from the mains. When not using the unit for prolonged periods of time, please unplug the unit's power cord from the power outlet. [48] This is the connector for the power cable. This is where the advantage of a sophisticated internal power supply can be seen: the pulse behaviour of each amplifying circuit is mainly determined by the voltage reserves available. Each mixing console is equipped with numerous operational amplifiers (op amps) to process line level signals. Due to limited output of their power supplies, many mixing consoles show signs of "stress" when subjected to heavy loads. But not your DJX750: the sound is always clear and transparent.

[49] FUSE HOLDER / VOLTAGE SETTING. Before connecting the unit to the mains, ensure that the voltage setting matches your local voltage. Blown fuses should only be replaced by a fuse of the same type and rating. On some units, the fuses holder can be switched to one of two positions, i.e.

230 V and 120 V. Please note: should you desire to operate the unit outside Europe at 120 V, a higher fuse rating is required. To disconnect power from main, pull out the main cord plug. When installing the product, ensure that the plug is easily accessible. If mounting in a rack, ensure that the mains can be easily disconnected by a plug or by an all-pole disconnect switch on or near the rack.

[50] SERIAL NUMBER. Please note that when operating the unit at 120 V, a higher fuse rating is required. Please refer to the "Specifications" for details. If you set the unit to a different mains voltage, be sure to use a fuse of the correct type and rating. Please refer to the "Specifications" for details. Blown fuses must be replaced by fuses of the correct rating! Please refer to the "Specifications" section for the applicable rating. Before you change the fuse, switch off the device and pull the plug to avoid electric shock or damage to the device. The mains connection is made using the enclosed power cord and a standard IEC receptacle. It meets all international safety certification requirements. Please make sure that all devices are properly grounded.

For your own safety, never remove or disable the ground conductors from the devices or on the power cords. The unit must always be connected to the mains outlet with a protective grounding connection. The sound quality may diminish within the range of powerful broadcasting stations and high-frequency sources. Increase the distance between the transmitter and the device and use shielded cables for all connections. ! Caution Shipment Should your BEHRINGER product malfunction, it is our intention to have it repaired as quickly as possible. To arrange for warranty service, please contact the BEHRINGER retailer from whom the equipment was purchased. Should your BEHRINGER dealer not be located in your vicinity, you may directly contact one of our subsidiaries. Corresponding contact information is included in the original equipment packaging (Global Contact Information/ European Contact Information).



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Should your country not be listed, please contact the distributor nearest you. A list of distributors can be found in the support area of our website (<http://www.behringer.com>).

Registering your purchase and equipment with us helps us process your repair claims more quickly and efficiently. Your product was carefully packed at the factory to ensure safe transport. Nevertheless, if the box is damaged inspect the unit immediately for signs of damage.

Initial operation Ensure adequate air supply and to avoid overheating do not place the unit near radiators etc. Before you connect your unit to the mains, please make sure that your local voltage matches the voltage required by the unit. The fuse holder on the mains connector has 3 triangular markings, with two of these triangles opposing each other. The unit is set to the operating voltage printed next to these markers and can be set to another voltage by turning the fuse holder by 180°. ENGLISH 7 8 If the unit is damaged please do NOT return it to us, but notify your dealer and the shipping company immediately; otherwise, claims for damage or replacement may not be granted.

Always use the original box to prevent damage during storage or transport. Make sure that children cannot play unsupervised with the unit or its packaging. PRO MIXER DJX750 User Manual ENGLISH System specifications Signal-to-noise ratio Crosstalk Distortion (THD) Frequency response > 80 dB (Line) > 70 dB (Line) < 0.03% 10 Hz - 55 kHz, +0/-3 dB 32 W Standard IEC receptacle T 1A H T 500 mA H approx. 104.3 x 320 x 370.8 mm approx. 4 1/10" x 12 1/20" x 14 3/5" approx. 3.9 kg approx.

(8 1/2 lbs) Power supply Power consumption Mains connection Mains voltages/Fuses 100 - 120 V~, 50/60 Hz 220 - 230 V~, 50/60 Hz Online Registration Please register your new BEHRINGER equipment right after your purchase by visiting <http://www.behringer.com> and read the terms and conditions of our warranty carefully. Thank you for your cooperation! Dimensions/Weight Dimensions (H x W x D) Weight Specifications Audio Inputs Mic Phono in Line in CD in Return 40 dB Gain, XLR, electronically balanced input stage 40 dB Gain, unbalanced input 0 dB Gain, unbalanced inputs 0 dB Gain, unbalanced inputs 0 dB Gain, unbalanced input max. +21 dBu max. +21 dBu typ. 0 dBu typ. 0 dBu max. 180 mW @ 75 W / 1% THD +12 dB/-32 dB @ 50 Hz +12 dB/-32 dB @ 1.2 kHz +12 dB/-32 dB @ 10 kHz +15 dB/-15 dB @ 80 Hz +15 dB/-15 dB @ 2.

5 kHz +15 dB/-15 dB @ 12 kHz -54 dB @ 50 Hz -44 dB @ 1 kHz -26 dB @ 10 kHz 24-bit Texas Instruments 24-bit Sigma-Delta, 64/128-times oversampling 46.875 kHz BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated. Audio Outputs Master Booth Tape Send Phones Out Equalizer Stereo Low Stereo Mid Stereo High Mic Low Mic Mid Mic High Kill Low Kill Mid Kill High Digital Effects Processor DSP A/D-D/A converter Sampling rate PRO MIXER DJX750 User Manual Warranty § 1 Other warranty rights and national law [1] This warranty does not exclude or limit the buyer's statutory rights provided by national law, in particular, any such rights against the seller that arise from a legally effective purchase contract.

[2] If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country for which the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship. The warranty does not cover any such modification/adaptation, irrespective of whether it was carried out properly or not. Under the terms of this warranty, BEHRINGER shall not be held responsible for any cost resulting from such a modification/adaptation. [2] The warranty regulations mentioned herein are applicable unless they constitute an infringement of national warranty law. § 2 Online registration Please do remember to register your new BEHRINGER equipment right after your purchase by visiting <http://www.behringer.com> and kindly read the terms and conditions of our warranty carefully. Registering your purchase and equipment with us helps us process your repair claims quicker and more efficiently. @ @ @ @ @ @ @ @ BEHRINGER will inform the buyer of any such circumstance. If the buyer fails to submit a written repair order within 6 weeks after notification, BEHRINGER will return the unit C.O.D. with a separate invoice for freight and packing. Such costs will also be invoiced separately when the buyer has sent in a written repair order. [3] Warranty claims other than those indicated above are expressly excluded.

§ 4 Return authorization number [1] To obtain warranty service, the buyer (or his authorized dealer) must call BEHRINGER during normal business hours BEFORE returning the product. All inquiries must be accompanied by a description of the problem. BEHRINGER will then issue a return authorization number. § 6 Warranty transferability This warranty is extended exclusively to the original buyer (customer of retail dealer) and is not transferable to anyone who may subsequently purchase this product. No other person (retail dealer, etc.) shall be entitled to give any warranty promise on behalf of BEHRINGER. [2] Subsequently, the product must be returned in its original shipping carton, together with the return authorization number to the address indicated by BEHRINGER. [3] Shipments without freight prepaid will not be accepted. § 5 Warranty regulations [1] Warranty services will be furnished only if the product is accompanied by a copy of the original retail dealer's invoice. Any product deemed eligible for repair or replacement under the terms of this warranty will be repaired or replaced.

§ 7 Claim for damage Failure of BEHRINGER to provide proper warranty service shall not entitle the buyer to claim (consequential) damages. In no event shall the liability of BEHRINGER exceed the invoiced value of the product. * Customers in the European Union please contact BEHRINGER Germany Support for further details. ENGLISH 9 ENGLISH Federal Communications Commission compliance information PRO MIXER DJX750 approved by BEHRINGER USA can void the user's authority to use the equipment. Technical specifications and appearance are subject to change without notice. The information contained herein is correct at the time of printing. All trademarks (except BEHRINGER, the BEHRINGER logo, JUST LISTEN and PRO MIXER) mentioned belong to their respective owners, and such use neither constitutes a claim of the trademarks by BEHRINGER nor affiliation of the trademark owners with BEHRINGER. BEHRINGER accepts no liability for Responsible party name: BEHRINGER USA, Inc.



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Address: 18912 North Creek Parkway, Suite 200 Bothell, WA 98011, USA Phone/Fax No.: Phone: +1 425 672 0816 Fax: +1 425 673 7647 hereby declares that the product any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein.

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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 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. · 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: This manual is available in English, German, French, Spanish, Italian, Russian, Polish, Dutch, Finnish, Swedish, Danish, Portuguese, Greek, Japanese and Chinese.

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