

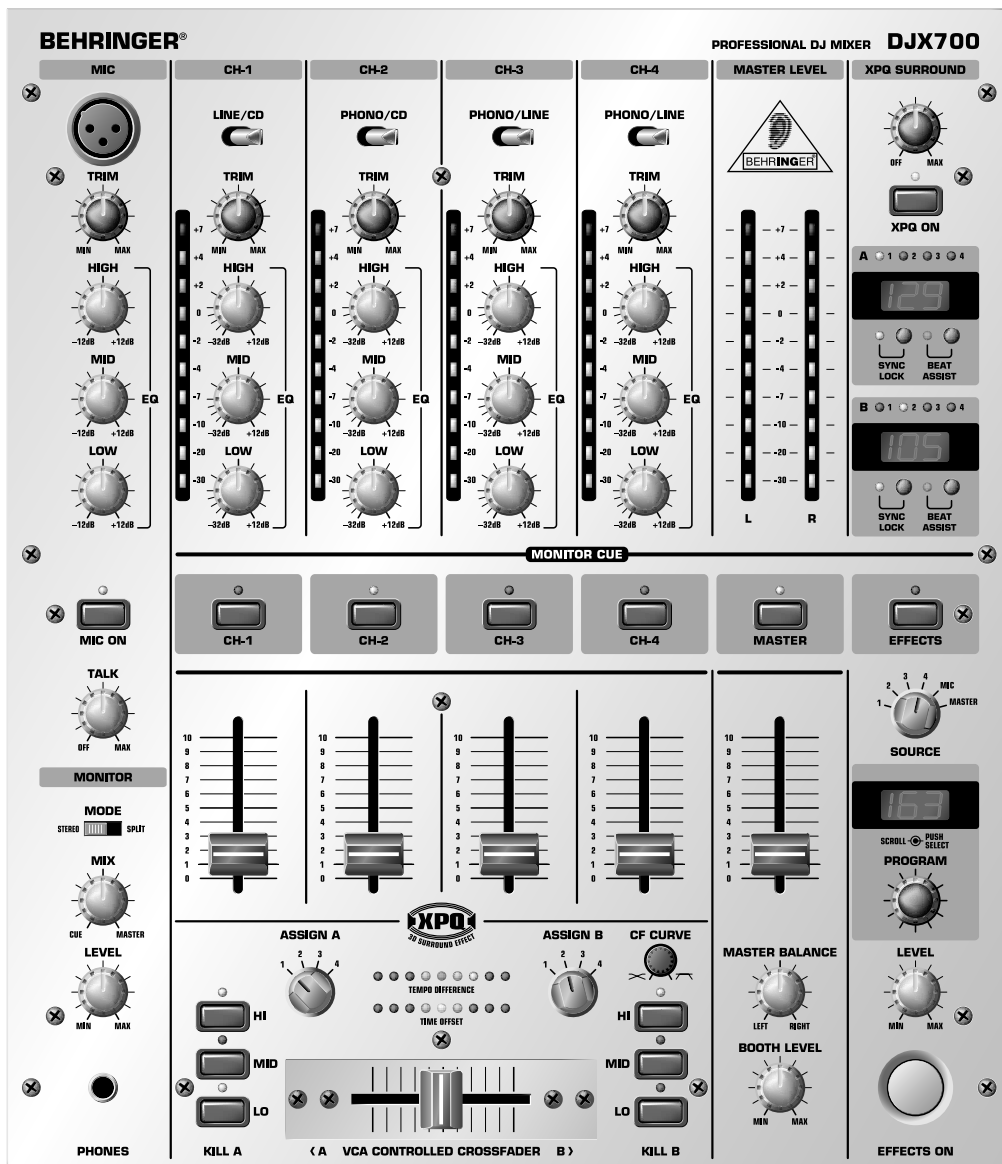
DJX700

PRO MIXER

User's Manual

Version 1.0 February 2003

ENGLISH



www.behringer.com



PRO MIXER DJX700

IMPORTANT SAFETY INSTRUCTIONS



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.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture.



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.

DETAILED SAFETY INSTRUCTIONS:

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this device near water.
- 6) Clean only with a 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, extension cords, and the point at which they exit the unit.
- 11) Only use 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 device. When a cart is used, use caution when moving the cart/device combination to avoid injury from stumbling over it.



- 13) Unplug this device during lightning storms or when not used for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the unit 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 device, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

PRO MIXER

Professional 5-channel DJ mixer with digital effects and BPM counter

- ▲ Professional 5-channel ultra low-noise DJ mixer with state-of-the-art phono preamps
- ▲ 47 breathtaking digital effect presets in 24-bit quality: delay, reverb, flanger, filter, panner, ultrabass, exciter, vinylizer, voice changer and more
- ▲ Intelligent dual auto-BPM counter with time and beat sync display
- ▲ Super-smooth ULTRAGLIDE faders with up to 500,000 life cycles
- ▲ Awesome adjustable XPQ stereo surround effect
- ▲ VCA controlled crossfader for utmost reliability and smooth audio performance
- ▲ Adjustable crossfader curve for all mixing styles
- ▲ 3-band kill EQ (-32 dB) and precise level meters with peak hold function per channel
- ▲ Additional 3-way kill switches with extremely steep frequency separation
- ▲ Monitor function with master/cue balance control and split option
- ▲ Auto-talkover function with separate depth control
- ▲ 4 dual input stereo channels, 1 ULN microphone channel with "On Air" switch
- ▲ Dedicated FX loop for connection of external devices (sampler, reverb processor etc.)
- ▲ Phono inputs can be switched to line level
- ▲ Gold-plated RCA sockets for excellent audio quality
- ▲ Ultra-rugged construction ensures long life, even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

PRO MIXER DJX700

FOREWORD



Dear Customer,

Welcome to the team of PRO MIXER users and thank you very much for expressing your confidence in BEHRINGER products by purchasing the DJX700. Writing this foreword for you gives me great pleasure, because it represents the culmination of many months of hard work delivered by our engineering team to achieve a very ambitious goal: to design an excellent DJ mixer offering remarkable functions with the maximum in flexibility and perfor-

mance. The task of designing our new PRO MIXER certainly meant a great deal of responsibility which we assumed by focusing on you, the discerning user and DJ. Meeting your expectations also meant a lot of work and night shifts. But it was fun, too. Developing a product usually brings a lot of people together, and what a great feeling it is when everybody who has participated in such a project can be proud of what they've achieved.

It is our philosophy to share our enjoyment with you, because you are the most important member of the BEHRINGER team. With your highly competent suggestions for new products you've made a significant contribution to shaping our company and making it successful. In return, we guarantee you uncompromising quality (manufactured under ISO9000 certified management system) as well as excellent technical and audio properties at an extremely reasonable price. All of this will enable you to give free rein to your creativity without being hampered by budget constraints.

We are often asked how we manage to produce such high-quality devices at such unbelievably low prices. The answer is quite simple: it's you, our customers! Many satisfied customers mean large sales volumes enabling us to get better purchasing terms for components, etc. So it's only fair to pass this benefit on to you, isn't it? Because we know that your success is our success too!

I would like to thank all of those who have made the PRO MIXER possible. You have all made your own personal contributions, from the developers to the many other employees at this company, and to you, the BEHRINGER user.

My friends, it's been worth the effort!

Thank you very much,

Uli Behringer

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1. INTRODUCTION

Your purchase of the BEHRINGER PRO MIXER DJX700 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 DJX700 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 DJX700 has to offer. Take the time to read everything through!

 **The following user's manual is intended to familiarize you with the unit's control elements, so that you can master all the functions. After having thoroughly read the user's manual, store it at a safe place for future reference.**

1.1 Before you get started

1.1.1 Shipment

The PRO MIXER was carefully packed at the assembly plant to assure secure transport. Should the condition of the cardboard box suggest that damage may have taken place, please inspect the unit immediately and look for physical indications of damage.

 **Damaged units should NEVER be sent directly to us. Please inform the dealer from whom you acquired the unit immediately as well as the transportation company from which you took delivery of the unit. Otherwise, all claims for replacement/repair may be rendered invalid.**

1.1.2 Initial operation

Please make sure the unit is provided with sufficient ventilation, and never place the PRO MIXER on top of an amplifier or in the vicinity of a heater to avoid the risk of overheating.

 **Before plugging the unit into a power socket, please make sure you have selected the correct voltage:**

The fuse compartment near the power plug socket contains three triangular markings. Two of these triangles are opposite one another. The voltage indicated adjacent to these markings is the voltage to which your unit has been set up, and can be altered by rotating the fuse compartment by 180°. **ATTENTION: This does not apply to export models that were for example manufactured only for use with 120 V!**

 **If you alter the unit's voltage, you must change the fuses accordingly. The correct value of the fuses needed can be found in the chapter "SPECIFICATIONS".**

 **Faulty fuses must be replaced with fuses of appropriate rating without exception! The correct value of the fuses needed can be found in the chapter "SPECIFICATIONS".**

Power is delivered via the cable enclosed with the unit. All required safety precautions have been adhered to.

 **Please make sure that the unit is grounded at all times. For your own protection, you should never tamper with the grounding of the cable or the unit itself.**

1.1.3 Warranty

Please take a few minutes and send us the completely filled out warranty card within 14 days of the date of purchase. You may also register online at www.behringer.com. The serial number needed for the registration is located at the top of the unit. Failure to register your product may void future warranty claims.

1.2 The user's manual

This user's manual has been written in such a way to enable you an overview over the control elements of the unit and offers at the same time detailed information about possible applications. To facilitate quick look-ups, control elements have been described in groups depending on their function. Should you need detailed information about specific topics not covered in this manual, please visit our website at www.behringer.com.

ATTENTION!

 **We would like to bring your attention to the fact that extremely loud sound levels may damage your hearing as well as your headphones. Please lower all OUTPUT LEVEL knobs leftwards before powering up the unit.**

2. CONTROL ELEMENTS

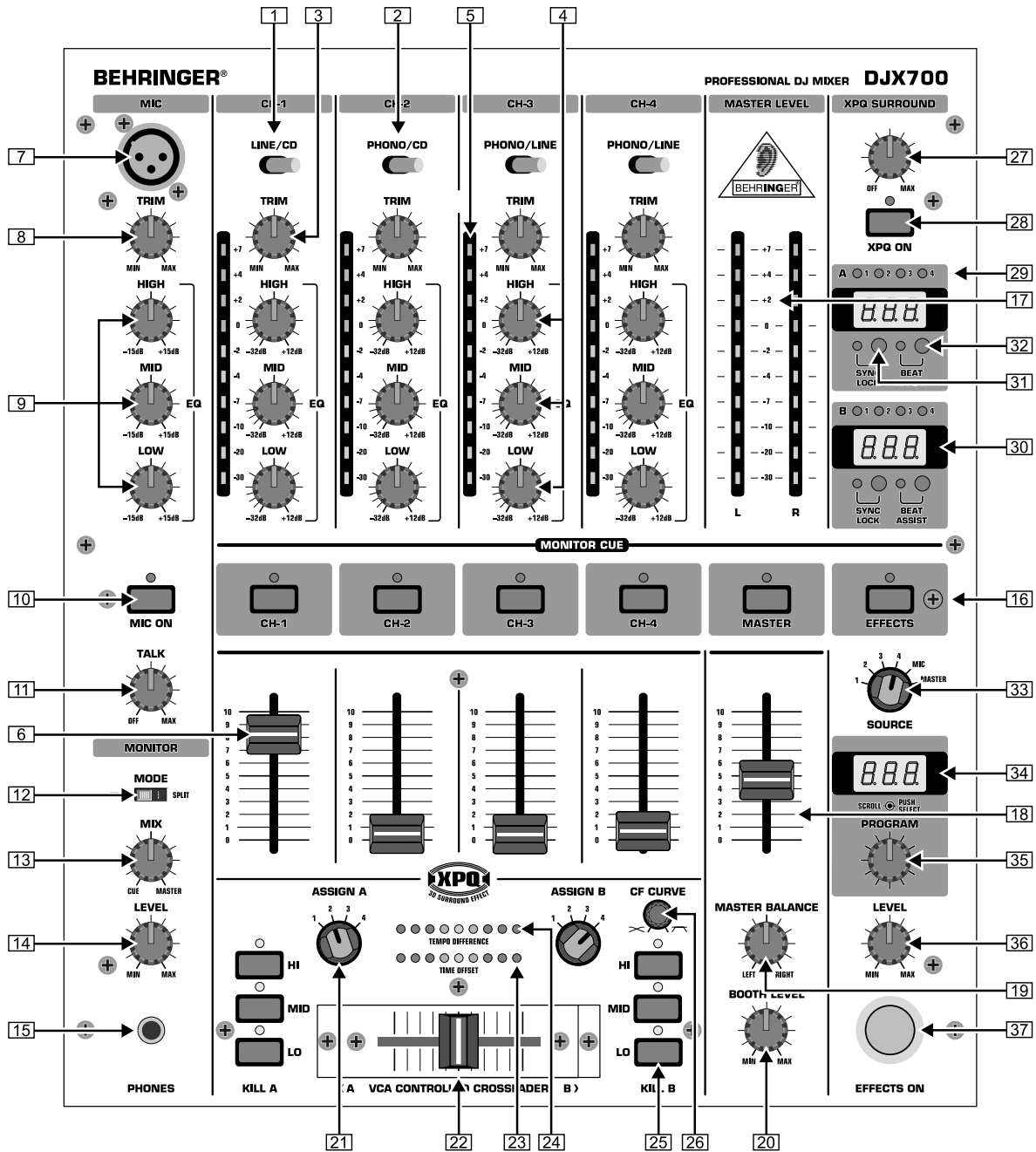


Fig. 2.1: PRO MIXER DJX700 control elements

2.1 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.

- 3 The TRIM 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 TRIM control.**

- [5] The 10-digit LED chains display the signal level of the input signals.
- [6] Adjust the channel volume using the CHANNEL fader.

2.2 Microphone channel

- [7] The *MIC IN* connector is the balanced XLR input for your dynamic microphone.
- [8] Set the volume of the microphone signal with the *TRIM* 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. The channel is active when the corresponding LED is lit.
- [11] The PRO MIXER 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.

2.3 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 stereo image, while the MASTER signal is on the right. 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 headphone signal only; when the control is turned to 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 the unbalanced *PHONES OUT* 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*, *EFFECTS*). 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.

2.4 MASTER section

- [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]).

2.5 CROSSFADER section

- [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. Not the case with the DJX700: the EQs can be used to achieve an even more pronounced lowering of a particular frequency range.
- [26] The *CF CURVE* control lets you alter the control characteristic of the crossfader between linear and logarithmic in an infinite number of steps. When set to linear, the crossfader engages directly proportionally to the fader's incremental movement. When set to logarithmic, the fader's movement yields higher volume increases as the fader moves farther along its range of motion.

2.6 XPQ 3D surround effect

The XPQ 3D surround function is a built-in effect that puts the finishing touch to your music and turns every gig into a real experience. The widening of the stereo base makes for a livelier, more transparent sound. You can determine the intensity of the effect by using the *SURROUND* control [27], while the *XPQ ON* switch [28] turns the XPQ effect on (the respective LED is lit).

2.7 Auto BPM counter

The integrated auto BPM counter is an extremely useful feature. It ensures smooth transition from one track to the next, taking a lot of the guesswork out. It can calculate the various tempos of tracks in BPM (beats per minute). Both BPM counter sections are identical and both show the BPM value of the two signals routed to the crossfader. The LEDs located above the DISPLAYs 1 - 4 [29] indicate which of the four input channels are routed to the respective BPM counter.

The tempo of the track assigned by using the *ASSIGN A* or *ASSIGN B* keys is shown in the respective *DISPLAY* [30]. Several tempo changes in one track would produce a constant display of various BPM values and thus lead to unnecessary confusion. That's why the beat counter sections each have a *SYNC LOCK* button [31] that can be used during the song to limit the range of possible tempo values. This makes sense if the counter has already calculated a realistic value. You can do the same thing manually with the *BEAT ASSIST* button [32]. Pushing this button at least three times in sync with the song's tempo results in the calculated tempo appearing in the *DISPLAY*. The *BEAT ASSIST* and *SYNC LOCK* buttons are each equipped with a LED.

When you have limited the tempo of the tracks on both channels with the *SYNC LOCK* or *BEAT ASSIST* buttons, the difference in tempo from both channels is illustrated in the form of a nine-character message on the *TEMPO DIFFERENCE*-LED [24]. The extent of the difference in tempo is indicated by a corresponding swing to the right (signal A is slower) or to the

PRO MIXER DJX700

left (signal B is slower). When the middle LED lights up, the tempi are the same. The **TIME OFFSET** LED [23] below that displays the signal A and B synchronisation. Should the middle LED light up, the tracks are synchronised. Should the display move to the left or right, the channels are not synchronised. The **TEMPO DIFFERENCE** and **TIME OFFSET** displays are only active if the tempi of both channels have been fixed in one of the ways described.

☞ When no signal is present (or when the signal level is too low), the BPM display shows only dashes. When the signal is present but can not be identified, the display shows 160 BPM and then shows the said dashes. The beat counter then attempts to get another readout. Therefore, "160" BPM is no usable value; rather, it is simply an error message when the signal can not be analyzed.

To exit the SYNC LOCK or BEAT ASSIST modes, simply push the SYNC LOCK button once more on both channels.

2.8 Internal effects processor

GRP	EFF		
1	0	Reverb	Big Plate
	1	Reverb	Small Chamber
	2	Reverb	Bright Room
	3	Reverb	Voice Widener
	4	Reverb	Phil's Drums
2	5	Reverb	Short Delay
	0	Delay	1/2 95 BPM
	1	Delay	3/4 95 BPM
	2	Delay	1/1 95 BPM
	3	Delay	1/2 110 BPM
	4	Delay	3/4 110 BPM
	5	Delay	1/1 110 BPM
	6	Delay	1/2 124 BPM
	7	Delay	3/4 124 BPM
	8	Delay	1/1 124 BPM
	9	Delay	1/2 131 BPM
3	A	Delay	3/4 131 BPM
	B	Delay	1/1 131 BPM
	0	Echo	1/2 95 BPM
	1	Echo	3/4 95 BPM
	2	Echo	1/1 95 BPM
	3	Echo	1/2 110 BPM
	4	Echo	3/4 110 BPM
	5	Echo	1/1 110 BPM
	6	Echo	1/2 124 BPM
	7	Echo	3/4 124 BPM
	8	Echo	1/1 124 BPM
4	9	Echo	1/2 131 BPM
	A	Echo	3/4 131 BPM
	B	Echo	1/1 131 BPM
	0	Flanger	Stereo Flanger
	1	Flanger	Vintage Flanger
	2	Flanger	Dual Phaser
	3	Flanger	Rotary Speaker
	4	Flanger	Stereo Chorus
5	0	Panning	Panning
	1	Panning	Tremolo
6	0	Filter	Auto Filter
	1	Filter	LFO Filter
	2	Filter	Vinylizer
7	0	Sim/Dyn	Ultrabass
	1	Sim/Dyn	Ultrafex
	2	Sim/Dyn	Voice Changer
	3	Sim/Dyn	Tube Amp
	4	Sim/Dyn	Blues
	5	Sim/Dyn	Radio Speaker

Tab. 2.1: Presets of the multi-effects processor

The built-in digital effects processor of your DJX700 can process the MASTER signal, the input channels' signal or the microphone signal. Use the **SOURCE** selector [33] to select the signal on which you want to run the effects. The **PROGRAM** display [34] located below shows the effect presets that can be recalled by turning and then pressing the **PROGRAM** control [35]. The **LEVEL** control [36] is used to determine the volume of the effects signal. Use the **EFFECTS ON** switch [37] to turn the effects on and off.

Various effects are segmented into seven different groups, offering such standard effects as reverb, delay, echo etc. as well as additional filter and combination effects.

3. CONNECTIONS

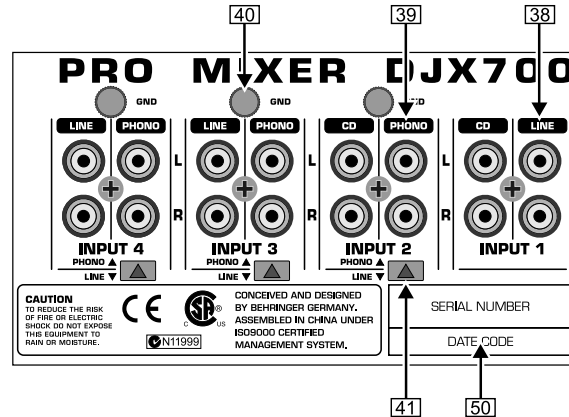


Fig. 3.1: PRO MIXER DJX700 rear panel connectors

- [38] These are the **LINE** i. e. **CD** inputs to connect a tape deck, CD or MD player etc. Unlike other channels, channel 1 features two line inputs.
- [39] The **PHONO** inputs for channels 2 to 4 are for connecting a turntable.
- [40] The **GND** connectors ground the turntables.
- [41] With the **PHONO/LINE** switch it is possible to switch the input sensitivity of the **PHONO** inputs 2 to 4 to line level. This allows you to connect a tape deck or a CD player to the **PHONO** inputs.

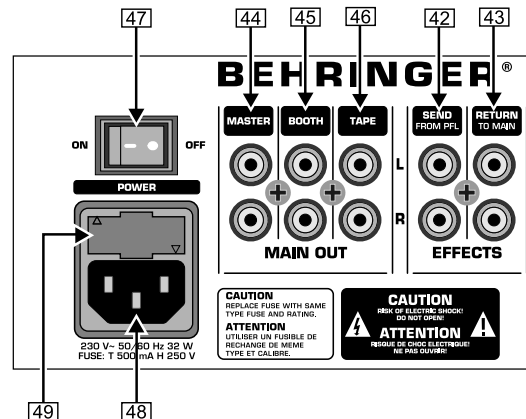


Fig. 3.2: PRO MIXER DJX700 rear panel connectors

- [42] The DJX700 features an integrated effects loop for the connection of an external effects device. The **MONITOR** signal is taken at the **SEND** output and routed, for example, to a reverb processor. Thus, the signal at the **SEND** connector is identical to the headphones signal and is selected with the **MONITOR CUE** buttons [16].

- [43] The externally processed signal is added to the MASTER output signal via the *RETURN* connectors. The effect signal volume may only be adjusted at the output control of the effects device itself.
- [44] The *MASTER* output is for connecting to an amplifier and can be adjusted with the MASTER fader [18].
-  **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 DJX700 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, making it necessary for you to adjust the input level on the recording device.
- [47] The *POWER* switch powers the DJX700 on. You should always make sure that the *POWER* switch is in the "Off" position when initially connecting the unit to the mains.
-  **Please take note: 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 DJX700: 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 take the time to complete and return the warranty card within 14 days of the date of purchase. Or, simply register online at www.behringer.com.

4. SPECIFICATIONS

AUDIO INPUTS

Mic	40 dB Gain, XLR, electronically balanced input stage
Phono in	40 dB Gain, unbalanced input
Line in	0 dB Gain, unbalanced inputs
CD in	0 dB Gain, unbalanced inputs
Return	0 dB Gain, unbalanced input

AUDIO OUTPUTS

Master	max. +21 dBu
Booth	max. +21 dBu
Tape	typ. 0 dBu
Send	typ. 0 dBu
Phones Out	max. 180 mW @ 75 Ω / 1% THD

EQUALIZER

Stereo Low	+12 dB/-32 dB @ 50 Hz
Stereo Mid	+12 dB/-32 dB @ 1.2 kHz
Stereo High	+12 dB/-32 dB @ 10 kHz

Mic Low	+15 dB/-15 dB @ 80 Hz
Mic Mid	+15 dB/-15 dB @ 2.5 kHz
Mic High	+15 dB/-15 dB @ 12 kHz

Kill Low	-54 dB @ 50 Hz
Kill Mid	-44 dB @ 1 kHz
Kill High	-26 dB @ 10 kHz

DIGITAL EFFECTS PROCESSOR

DSP	24-bit TEXAS INSTRUMENTS®
A/D-D/A converter	24-bit Sigma-Delta, 64/128-times oversampling
Sampling rate	46.875 kHz

SYSTEM SPECIFICATIONS

Signal-to-noise ratio	> 80 dB (Line)
Crosstalk	> 70 dB (Line)
Distortion (THD)	< 0.03%
Frequency response	10 Hz - 55 kHz, +0/-3 dB

POWER SUPPLY

Mains voltages	USA/Canada 120 V~, 60 Hz Europe/U.K./Australia 230 V~, 50 Hz Japan 100 V~, 50 - 60 Hz General export model 120/230 V~, 50 - 60 Hz
Power consumption	32 W
Fuse	100 - 120 V~: T 1 A H 200 - 240 V~: T 500 mA H
Mains connection	Standard IEC receptacle

DIMENSIONS/WEIGHT

Dimensions (H x W x D)	approx. 4 1/10" (104.3 mm) x 12 1/20" (320 mm) x 14 3/5" (370.8 mm)
Weight	approx. 3.9 kg (8 1/2 lbs)

BEHRINGER makes every effort to ensure the highest standard of quality. Necessary modifications are carried out without notice. Thus, the specifications and design of the device may differ from the information given in this manual.

5. WARRANTY

§ 1 WARRANTY CARD/ONLINE REGISTRATION

To be protected by the extended warranty, the buyer must complete and return the enclosed warranty card within 14 days of the date of purchase to BEHRINGER Spezielle Studiotechnik GmbH, in accordance with the conditions stipulated in § 3. Failure to return the card in due time (date as per postmark) will void any extended warranty claims. Based on the conditions herein, the buyer may also choose to use the online registration option via the Internet (www.behringer.com or www.behringer.de).

§ 2 WARRANTY

1. BEHRINGER (BEHRINGER Spezielle Studiotechnik GmbH including all BEHRINGER subsidiaries listed on the enclosed page, except BEHRINGER Japan) warrants the mechanical and electronic components of this product to be free of defects in material and workmanship for a period of one (1) year* from the original date of purchase, in accordance with the warranty regulations described below. If the product shows any defects within the specified warranty period that are not excluded from this warranty as described under § 3 and 4, BEHRINGER shall, at its discretion, either replace or repair the product using suitable new or reconditioned parts. In the case that other parts are used which constitute an improvement, BEHRINGER may, at its discretion, charge the customer for the additional cost of these parts.

2. If the warranty claim proves to be justified, the product will be returned to the user freight prepaid.

3. Warranty claims other than those indicated above are expressly excluded.

§ 3 RETURN AUTHORIZATION NUMBER

1. To obtain warranty service, the buyer (or his authorized dealer) must call BEHRINGER (see enclosed list) 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.

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.

§ 4 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 by BEHRINGER under the terms of this warranty will be repaired or replaced within 30 days of receipt of the product at BEHRINGER.

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.

3. Free inspections and maintenance/repair work are expressly excluded from this warranty, in particular, if caused by improper handling of the product by the user. This also applies to defects caused by normal wear and tear, in particular, of faders, potentiometers, keys/buttons and similar parts.

4. Damages/defects caused by the following conditions are not covered by this warranty:

▲ improper handling, neglect or failure to operate the unit in compliance with the instructions given in BEHRINGER user or service manuals.

▲ connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used.

▲ damages/defects caused by force majeure or any other condition that is beyond the control of BEHRINGER.

5. Any repair or opening of the unit carried out by unauthorized personnel (user included) will void the warranty.

6. If an inspection of the product by BEHRINGER shows that the defect in question is not covered by the warranty, the inspection costs are payable by the customer.

7. Products which do not meet the terms of this warranty will be repaired exclusively at the buyer's expense. 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.

§ 5 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.

§ 6 CLAIM FOR DAMAGES

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.

§ 7 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. The warranty regulations mentioned herein are applicable unless they constitute an infringement of national warranty law.

* Customers in the European Union please contact BEHRINGER Germany Support for further details.

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