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You can read the recommendations in the user guide, the technical guide or the installation guide for DENON DN-X600. You'll find the answers to all your questions on the DENON DN-X600 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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DENON

Professional DIGITAL DJ Mixier

DN-X600

Owner's Manual



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Manual abstract:

Do not open the rear cover In order to prevent electric shock, do not open the top cover. If problems occur, contact your DENON DEALER. 3. Do not place anything inside Do not place metal objects or spill liquid inside the system. Electric shock or malfunction may result. Please, record and retain the Model name and serial number of your set shown on the rating label. Model No. DN-X600 Serial No. To reduce the risk of fire and electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR REFORMATION OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. FCC INFORMATION (For US customers) 1.

@@@Denon Professional div. D&M Professional 1100 Maplewood Drive Itasca, IL 60143 Tel. 630-741-0330 2. @@@This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product into an outlet on a circuit different from that to which the receiver is connected.

Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help. RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION 3. NOTE CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. . . . This Class B apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. I SVENSKA NEDERLANDS ESPAÑOL ITALIANO FRANÇAIS DEUTSCH ENGLISH IMPORTANT SAFETY INSTRUCTIONS READ BEFORE OPERATING EQUIPMENT This product was designed and manufactured to meet strict quality and safety standards.

There are, however, some installation and operation precautions which you should be particularly aware of. 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. 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 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. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like. II ENGLISH DEUTSCH FRANÇAIS ITALIANO ESPAÑOL NEDERLANDS SVENSKA (English) PRECAUCIÓN: (Español) n NOTE ON USE / HINWEISE ZUM GEBRAUCH WARNINGS · Avoid high temperatures. Allow for sufficient heat dispersion when installed in a rack.

· Handle the power cord carefully. Hold the plug when unplugging the cord. · Keep the unit free from moisture, water, and dust. · Unplug the power cord when not using the unit for long periods of time. · Do not obstruct the ventilation holes.
· Do not let foreign objects into the unit. · Do not let insecticides, benzene, and thinner come in contact with the unit. · Never disassemble or modify the unit in any way. · Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths or curtains. · Naked flame sources such as lighted candles should not be placed on the unit.
· Observe and follow local regulations regarding battery disposal. · Do not expose the unit to dripping or splashing fluids. · Do not place objects filled with liquids, such as vases, on the unit. · Do not handle the mains cord with wet hands. · When the switch is in the OFF position, the equipment is not completely switched off from MAINS. · The equipment shall be installed near the power supply so that the power supply is easily accessible. CAUTION: To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user. Do not expose batteries to excessive heat such as sunshine, fire or the like. VORSICHT: (Deutsch) Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.

El enchufe de la alimentación se utiliza para interrumpir por completo el suministro de alimentación a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.



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No exponga las pilas a calor excesivo, como a la luz solar, el fuego, etc. **WARNHINWEISE** · Vermeiden Sie hohe Temperaturen. Beachten Sie, dass eine ausreichende Belüftung gewährleistet wird, wenn das Gerät auf ein Regal gestellt wird. · Gehen Sie vorsichtig mit dem Netzkabel um. Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen. · Halten Sie das Gerät von Feuchtigkeit, Wasser und Staub fern. · Wenn das Gerät längere Zeit nicht verwendet werden soll, trennen Sie das Netzkabel vom Netzstecker. · Decken Sie den Lüftungsbereich nicht ab. · Lassen Sie keine fremden Gegenstände in das Gerät kommen.

· Lassen Sie das Gerät nicht mit Insektiziden, Benzin oder Verdünnungsmitteln in Berührung kommen. · Versuchen Sie niemals das Gerät auseinander zu nehmen oder zu verändern. · Die Belüftung sollte auf keinen Fall durch das Abdecken der Belüftungsöffnungen durch Gegenstände wie beispielsweise Zeitungen, Tischtücher, Vorhänge o. Ä. behindert werden.

· Auf dem Gerät sollten keinerlei direkte Feuerquellen wie beispielsweise angezündete Kerzen aufgestellt werden. · Bitte beachten Sie bei der Entsorgung der Batterien die örtlich geltenden Umweltbestimmungen. · Das Gerät sollte keiner tropfenden oder spritzenden Flüssigkeit ausgesetzt werden. · Auf dem Gerät sollten keine mit Flüssigkeit gefüllten Behälter wie beispielsweise Vasen aufgestellt werden. · Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.

· Wenn der Schalter ausgeschaltet ist (OFF-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt. · Das Gerät sollte in der Nähe einer Netzsteckdose aufgestellt werden, damit es leicht an das Stromnetz angeschlossen werden kann. Um dieses Gerät vollständig von der Stromversorgung abzutrennen, trennen Sie bitte den Netzstecker von der Wandsteckdose ab. Die Hauptstecker werden verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein. Setzen Sie Batterien nicht übermäßiger Wärme aus, z. B. Sonnenstrahlung, Feuer oder dergleichen. **VOORZICHTIGHEID:** (Nederlands) Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken. De netstekker wordt gebruikt om de stroomtoevoer naar het toestel volledig te onderbreken en moet voor de gebruiker gemakkelijk bereikbaar zijn. *Stel de batterijen niet bloot aan felle zonneschijn, brand, enzovoorts.*

PRECAUTION: (Français) Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale. La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement. N'exposez pas les batteries à une chaleur excessive telle que le soleil, le feu ou autre. **FÖRSIKTIGHETSMÅTT:** (Svenska) Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet. S t i c k p r o p p e n a nvä n d s f ö r a t t h e l t b r y t a strömförsörjningen till apparaten, och den måste vara lättillgänglig för användaren. Utsätt inte batterierna för stark hetta såsom solsken, eld eller liknande. **ATTENZIONE:** (Italiano) Per scollegare definitivamente questo prodotto dalla rete di alimentazione elettrica, togliere la spina dalla relativa presa. La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente. Non esporre le batterie a un calore eccessivo, per esempio al sole, al fuoco o altre fonti. **III SVENSKA NEDERLANDS ESPAÑOL ITALIANO FRANÇAIS DEUTSCH ENGLISH n OBSERVATIONS RELATIVES A L'UTILISATION / NOTE SULL'USO / NOTAS SOBRE EL USO / ALVORENS TE GEBRUIKEN / OBSERVERA AVERTISSEMENTS** · Eviter des températures élevées.

· Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère. · Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon. · Protéger l'appareil contre l'humidité, l'eau et la poussière. · Débrancher le aperturas con objetos como periódicos, manteles o cortinas.

· No deberán colocarse sobre el aparato fuentes inflamables sin protección, como velas encendidas. · A la hora de deshacerse de las pilas, respete la normativa para el cuidado del medio ambiente. · No exponer el aparato al goteo o salpicaduras cuando se utilice. · No colocar sobre el aparato objetos llenos de líquido, como jarros. · N · The apparatus shall not be exposed to dripping or splashing for use.

· No objects filled with liquids, such as vases, shall be placed on the apparatus. **CAUTION · DECLARATION OF CONFORMITY** We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards: EN60065, EN55013, EN55020, EN61000-3-2 and EN61000-3-3. Following the provisions of Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/ EC, the EC regulation 1275/2008 and its frame work Directive 2009/125/EC for Energy-related Products (ErP). (English) · **DECLARACIÓN DE CONFORMIDAD** Declaramos bajo nuestra exclusiva responsabilidad que este producto al que hace referencia esta declaración, está conforme con los siguientes estándares: EN60065, EN55013, EN55020, EN61000-3-2 y EN61000-3-3. De acuerdo con la directiva sobre baja tensión 2006/95/CE y la directiva sobre CEM 2004/108/ CE, la normativa CE 1275/2008 y su directiva marco 2009/125/EC para productos relacionados con la energía (ErP). Wij verklaren uitsluitend op onze verantwoordelijkheid dat dit produkt, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen: EN60065, EN55013, EN55020, EN61000-3-2 en EN61000-3-3. Volgens de voorzieningen van lage spanningsrichtlijn 2006/95/EC en EMC-richtlijn 2004/108/ EC, de EU-richtlijn 1275/2008 en de kaderrichtlijn 2009/125/EC voor energieverbruikende producten (ErP). Härmad intygas helt på eget ansvar att denna produkt, vilken detta intyg avser, uppfyller följande standarder: EN60065, EN55013, EN55020, EN61000-3-2 och EN61000-3-3. Uppfyller reglerna i lågspänningsdirektivet 2006/95/EC och EMC-direktivet 2004/108/ EC, EU-förordningen 1275/2008 och ramverksdirektivet 2009/125/EC för energirelaterade produkter (ErP).



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If this happens, let the unit sit for an hour or two with the power turned off and wait until there is little difference in temperature before using the unit.

· Cautions on using mobile phones Using a mobile phone near this unit may result in noise. If that occurs, move the mobile phone away from this unit when it is in use. · Moving the unit Turn off the power and unplug the power cord from the power outlet. Next, disconnect the connection cables to other system units before moving the unit. · About Care · Wipe the cabinet and control panel clean with a soft cloth. · Follow the instructions when using a chemical cleaner. · Benzene, paint thinner or other organic solvents as well as insecticide may cause material changes and discoloration if brought into contact with the unit, and should therefore not be used. Before use Part names and Functions Connections Basic operations Effector function Fader Start function USB settings Troubleshooting specifications Index System diagram 2 Part names and functions Top panel For buttons not explained here, see the page indicated in parentheses (). q USB enable display (USB) · Lights a pale blue color when connected to a computer. · Lights a deep blue color when MIDI command is sent. E2 E3 E4 E5 E6 E2 E3 E4 Q1 Effect CUE button (CUE) (11) Q2 Dry/Wet adjustment knob (DRY/WET) (11) Q3 Effect ON/OFF button (ON/OFF) (11) E1 E0 W9 W8 W7 W6 q w w Booth/Send, Effect/Send level adjustment knob (BOOTH/SEND LEVEL) (5) Q4 Channel effect send button (EFX SEND) (11) · Flashes for target AUTO BPM e Display Displays the BPM value and device settings. e r t y r Beat display (11) t Beat switch button (BEAT) (11, 14, 15) y Tap button (TAP/LOCK/AUTO/INPUT BPM) ... (11, 14, 15) TAP: · When this button is tapped repeatedly, the BPM is measured using the intervals between taps. LOCK: · When this button is pressed once in the auto BPM mode, the BPM value measured automatically is locked. AUTO BPM: · When this button is held down for one second, the mode switches to auto BPM mode, and the measured BPM value is displayed. INPUT BPM: · When this button is held down for more than 2 seconds, the mode switches to BPM input mode, and the BPM value can be entered directly using the t beat selection button. @@@@Off: · No signal input. @@@@Split CUE OFF: · Displays the master output volume level. @@Ground (GND) 2. Hot (HOT) 3. @@@@Pin layout: 1. Ground (GND) 2. Hot (HOT) 3. @@BOOTH (Output) : · Connect to the input terminal of an active speaker. t AUX2/Effect return input terminal (AUX2 IN/EFX RTN) (6, 8) RETURN (Input): · Connect to the output terminal of an external effect processor. AUX2 (Input): · Connect to the output terminal of an external device. Q0 Signal earth terminal (SIGNAL GND) (6) Q1 USB B terminal (USB B)..... (8, 15) 5 Connections NOTE · Do not plug in the power cord until all connections have been completed. · When making connections, also refer to the operating instructions of the other components. · Insert the plugs securely. Loose connections will result in the generation of noise. · Be sure to connect the left and right channels properly (left with left, right with right). · Connect the cables to the correct input and output terminals. · Do not bundle power cords together with connection cables. Doing so can result in humming or noise. Before use Input terminal connection Input from external devices External device 2 AUDIO OUT L R Part names and functions Turntable 2 AUDIO OUT L R SIGNAL GND Turntable 1 SIGNAL GND AUDIO OUT L R Connections Preparations Cables used for connection Select the cables according to the equipment being connected. L R L R L R Basic operations CD player 1 L R L R L R CD player 2 AUDIO OUT L R FADER n For RCA input terminals L R L R External device 1 AUDIO OUT L R AUDIO OUT L R FADER Effector function L R L R RCA pin plug cable (Sold separately)) Fader Start function n For XLR input/output terminals Balanced cable (Sold separately) L R L R L R USB settings L R n For FADER terminals NOTE Stereo mini plug cable (Sold separately) · To use the AUX2/Effect/Return input terminal as the AUX2 input terminal, set the SELECT switch to "A".



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· To connect a DJ CD player to this unit and use the fader start function, connect this unit to the FADER terminal of the CD player. Troubleshooting specifications n For USB terminal USB cable (Included) Index System diagram 6 Input terminal connection Output terminal connections Output to the amplifier n To switch to monaural audio output Set the monaural selection switch to "ON". · When this is "OFF", audio is output in stereo. Mic connection Connection of the booth output terminal If active speakers or other audio monitors are connected to the booth output terminal, set the SELECT switch to "A".

Active speakers etc.

AUDIO IN L R L R Connect a microphone to this balanced jack using an XLR connector. Pin layout: 1. Ground (GND) 2. Hot (HOT) 3. Cold (COLD) Suitable connector: Cannon XLR-3-32 or equivalent.

Main balance power amplifier AUDIO IN L R L R Main unbalance power amplifier AUDIO IN R L L R L R 7 Input/Output terminal connections Connection to a computer Connection to an external effects processor When an external effects processor is connected to the EFX SEND and EFX RTN terminals, set the SELECT switch to "B". External effects processor AUDIO AUDIO OUT L R AUDIO IN R Before use Connecting the power cord Insert the plug into the AC outlet. Part names and functions NOTE Insert the plug fully and securely into the socket. Incomplete connection to the power supply may cause damage to the unit, or noise. Connections USB terminal Basic operations L Before connecting a computer to this unit, perform the settings as shown in "Computer OS settings" (vpage 13).

L Effector function R L R n Compatible computers Fader Start function · Computers running the following computer OS versions can be connected to this unit. · Windows XP SP3 or later (32 Bit only) · Windows Vista SP2 or later (32 or 64 Bit) · Windows 7 (32 or 64 Bit) · Mac OSX 10.6.4 or later Computers running other OS versions may not be compatible with the USB MIDI. For this reason, such computers may function abnormally after connecting by USB to this unit. · This unit operates correctly with Mac OS 10.6.4. Using with Mac OS 10.6.

3 or earlier versions may result in unstable sound output from this unit. Also, this unit operates using a CoreAudio standard audio driver. Be sure to use application software that is guaranteed to operate with this driver. · Windows is a registered trademark or trademark of Microsoft Corporation in the United States and / or other countries. MAC is a registered trademark or trademark of Apple Incorporated in the United States and / or other countries. · L R L R To AC outlet (AC 120 V, 60 Hz) Power cord USB settings NOTE The input and output volume levels are different for the input mode (SELECT) settings (A or B). Set the correct level to match the connected device. Troubleshooting specifications Index System diagram 8 Basic operation LEVEL SOURCE SEL POWER MASTER BEATo,p TAP LEVEL ON/OFF(MIC) MIC TRIM DUCKING SELECT 1 Basic operation Press POWER. The power to the unit switches on, and the

BPM display is shown.

n To apply effects to the mic input Press EFX INS (MIC/AUX1). n To activate the ducking function MIC LED EQ HI,LOW (MIC) EFX INS MIC LEVEL MONITOR CH1,CH2 PAN PHONES LEVEL SPLIT CUE Cross fader Channel fader 2 Select the input source for each channel using SOURCE SEL. 3 Adjust the input level using LEVEL. Headphone monitor Adjust the sound quality between EQ HI, MID, LOW . 4 5 Adjust the volume using the channel fader and cross fader.

1 Press MONITOR CH1 or CH2 to select the source to monitor. Adjust the output level using MASTER LEVEL. 6 2 Press SPLIT CUE to select the monitoring method. MIC (Mic input) 1 Press ON/OFF (MIC). The input level is displayed in the cue master level meter.

The selected button lights up. The ducking function attenuates the master output sound signal level when mic input is detected. It prevents the mic volume being covered by the music volume when a mic is used. Press DUCKING. · DUCKING LED is lit green. There are two methods for headphone monitoring. Switch between the two as desired for use. SPLIT CUE mode STEREO mode SPLIT CUE mode · ON/OFF (MIC) lights up. · MIC input is activated. The MIC LED is lit.

EQ HI,MID,LOW EFX ON/OFF EFX SELECT SEND/RETURN 2 Press SELECT to select MIC. 3 Adjust the mic input level using MIC TRIM. · SPLIT CUE lights up. · The channel sound (CUE) selected in step 1 is outputted from the left headphone. · The master sound is outputted from the right headphone. · The sound is monaural sound. STEREO mode · SPLIT CUE switches off. · The channel sound (CUE) selected in step 1 and master sound output in stereo. PAN to adjust the 4 Adjust the mic sound quality using EQ HI and LOW. 3 Rotate and master sound.

balance between the CUE sound 5 Adjust the mic output level using MIC LEVEL. 4 Adjust the headphone volume using PHONES LEVEL. NOTE When using headphones, be cautious to avoid prolonged loud volume in order to protect your ears. The optimum adjustment without distortion is at the position when the SIG/PK display is lit orange and occasionally lights red during microphone activity. 9 Effector function The unit is equipped with a powerful effector function that syncs various effects by detected BPM values measured by the input sound.

You are also able to SEND multiple input channels simultaneously to the effector, enabling a wide range of acoustic effects for performance mixing. Before Use BeatBreaker function This function breaks down the music signals in each bar into 16 quarter-beat sections, replaces the beats in these sections with a preset beat pattern, and then replays the musical signal to achieve an effect in which the original beat has been replaced with the new beat. Part Names and Connections Functions Type of Effect and operation detail. No 1 2 3 4 5 6 7 8 Effect Name Reverb Flanger Echo Delay Loop B.BREAKER (BeatBreaker) Filter B.

SCRATCH (BeatScratch) Details of Effect Operation Adds reverberation signals that are delayed according to the beat setting time. Adds signals whose delay time is altered in the LFO period in the beat settings. Adds echo signals which are delayed by the time set in the beat settings. Adds signals which are delayed by the time set in the beat settings. · Initiates the same loop sampler process as the LOOP function of other Denon DJ products. Initiates partial insertion processing of the attack sounds of beats as per the beat pattern. Varies the filter cut-off frequency using the beat setting time. Repeats standard playback of the beat setting time and reverse playback of the same beat setting time to produce a scratching effect. Details of operation · The beat pattern is constructed of 16 blocks.



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· The following 10 beat patterns are available. · The sound when EFX ON/OFF is ON (marked "F" in the figure below) is played across 1 beat at the position marked by "S" in the figure below. 1 bar Pattern Name P1 (Pattern 1) P2 (Pattern 2) P3 (Pattern 3) P4 (Pattern 4) P5 (Pattern 5) P6 (Pattern 6) P7 (Pattern 7) P8 (Pattern 8) P9 (Pattern 9) P10 (Pattern 10) 1 beat 1 beat 1 beat 1 beat Basic operations Effector function Fader Start function z In order to achieve normal effects, set the BPM value to match the BPM of the musical composition. Send/Return function This unit can obtain effects from external effects processors and computers in addition to the built-in effects. USB settings Required settings and connections The settings and connections required for each effector are as shown in the following table. Settings and connections SELECT switch setting (Rear panel) Input A B B B A Output BOOTH AUX2 EFX SEND EFX RTN EFX SEND EFX RTN EFX SEND EFX RTN BOOTH AUX2 Connection to a Computer None Yes None Yes Yes SEND/ RETURN display lamp color Off Orange Red (Dark) Red Green (Dark) Green Effector that can be used This unit's effector External Effect Processor Computer software effector Troubleshooting How to operate 1 Set the EFX SELECT to "B.BREAKER". 2 Select the beat pattern using BEAT o, p. P1 P2 P9 P3 P8 P10 specifications P4 P7 P5 P6 Index *1 *1: This unit's effector cannot be used. 3 Press EFX ON/OFF to switch the effect ON.

System diagram · EFX ON/OFF lights up. · When the effect is ON, press EFX ON/OFF to turn the effect OFF. Selecting the send/return function Off On · Switches to the SEND/RETURN mode. · The SEND/RETURN display lamp color differs depending on the settings and connection status. Press SEND/RETURN.

10 EFX INS EFX SEND BEAT o, p TAP Operating the effector Press EFX SEND 1 apply the effector for the channel that you want to to. EFX INS. n Adjusting the effects Rotate EFX FREQ. · Adjust the filter cut off frequency, and adjust the frequency band within which to apply the effect. · This does not operate during SEND/RTN.

· The input source sound signal is sent to the effector. · To apply the effector to the mic input or master output, press 2 Set the BPM. EFX INS EFX SELECT EFX FREQ. EFX CUE EFX DRY/WET BPM is the base value for the effector. To obtain normal effects, match the BPM value with the BPM of the track. The following three setting methods are available for the BPM value. q Press TAP for more than 1 second. · "Auto" is shown in the display. · TAP LED lights up green. w Press TAP (short push).

· The measured auto BPM value is displayed, and that value is locked. · TAP LED switches off. q Press TAP for more than 2 seconds. · The BPM value in the display flashes. w Press BEAT to set the desired BPM value. e Press TAP. · The setting is complete. n To monitor the effect sound Press EFX CUE. Off On n Setting Auto BPM When this is switched on, the effect volume can be monitored even when the effect is off. (Excluding ECHO and REVERB.)) n To adjust the proportion of original volume and effect volume Rotate EFX DRY WET. · When rotated in the DRY direction, the original volume proportion increases. · When rotated in the WET direction, the effect volume proportion increases. n Setting Manual In BPM EFX ON/OFF Beat setting Adjust the beats based on the set BPM value. The setting range for beats differs depending on the effector.

n Setting Manual TAP BPM q Repeatedly press TAP in time with the input source rhythm. · The BPM value for the interval between button presses is set. Press BEAT to select the set beat value. The beat display switches. 3 4 Press EFX ON/OFF to switch the effect ON.

Select the effector using EFX SELECT. · EFX ON/OFF lights up. · Press EFX ON/OFF again to turn the effect off. GSelectable rangeH · When REVERB/FLANGER/B-BREAKER/FILTER/B-SCRATCH are selected: 1/4 - 32 · When ECHO/DELAY/LOOP are selected: 1/16 - 4 11 Fader start function SOURCE SEL The fader start function controls playback/pause of the CD/Media player using the fader control on the unit by sending a fader command to the player. Connect the FADER terminal on this unit to a FADER compatible DJ player using a 3.5mm stereo mini plug cable in advance. Before use Cross fader start This section explains how to start playback for a CD/Media player connected to CH1. Part names and functions CROSS 1 Switch the CH FADER START to "ON". 2 Adjust SOURCE SEL to match the CD input ("CD1" or "CD2"). 3 Move the the channel fader knob for the CD input channel the lowest position.

The player switches to CUE up status. Channel fader start 4 Move the channel fader knob upwards. Cross fader Channel fader The CD player starts playback. If the channel fader knob is then moved all the way down, the player stops. 1 Switch the CROSS FADER START to "ON". 2 Turn the CH1 SOURCE SEL to "CD1". 3 Slide the cross fader all the way to the "2" (CH2) position. 4 The player switches to CUE up status. 5 Set CROSS to a position other than "THRU". 6 Move the cross fader in the opposite direction.

The player starts playback. Connections Basic operations Effector function Fader Start function NOTE If you set CROSS to the "THRU" position, the cross fader start function will be disabled. USB settings Troubleshooting specifications CROSS FADER START CH FADER START Index System diagram 12 Fader curve adjustment Adjusts the startup response of the channel fader/cross fader. n Adjust the channel fader curve Intermediate curve characteristics. Slow startup curve characteristics.

Fast startup curve characteristics. 1 Adjusting the cross fader torque Remove the rubber cap on the front panel. USB settings EFX INS BEAT o, p POWER Rubber cap to 2 Move the cross fader up the far right edge so that the screwdriver will line with the screw head inside. TAP SEND/RETURN MASTER EFX CUE · CH1 and CH2 have the same curve characteristics. n Adjust the cross fader curve Small (+) srcwdriver Sharp startup characteristics, with cutin/cut-out.

Set the cut position of the cross fader. (11 levels: CP1-CP11) 3 4 Using a Phillips screwdriver, adjust the sliding torque. Computer OS settings Before connecting a computer to this unit, set the OS of the computer that you want to connect with this unit. · The default setting is "PC". · Settings cannot be changed when the computer is connected. Slow startup curve characteristics. (16 levels) · Rotate to the right: Increases the sliding torque so that the cross fader resistance is increased.



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16 Troubleshooting If a problem should arise, first check the following: 1.

Are the connections correct? 2. Is the set being operated as described in this owner's manual? 3. Is the external device (player or effects processor) operating correctly? If this unit does not operate properly, check the items listed in the table below. If the symptom is not covered on the check list, contact your dealer or service centers. Service centers are listed at <http://www.d-mpro.com>. When contacting your dealer or service center, be sure to inform them of the software version number. The software version number is shown on the display by pressing the SPLIT CUE button and BEAT button at the same time.

Symptom Power does not turn on.

The power switch is ON, but the unit power is off. There is no sound, or the sound is too quiet. Cause/Solution · Check whether the power plug is correctly inserted into the power outlet. · The unit is in standby mode. Press the RESTART button.

Page 8 4 Symptom Sound cuts out or is distorted. Cause/Solution · Exit any unneeded applications. · When multiple WAV files are played back simultaneously, the playback sound may cut out depending on the computer specifications. Try playing back 1 WAV file. Page · Check the connections for all devices.

· Change the source selection switch to the device currently being played. · The mic ducking function is operating. Set the DUCKING switch to "OFF". The sound is distorted. · Adjust the master output adjustment knob. · Adjust the input level adjustment knob. Fader start cannot be · Use the stereo mini terminal to connect the CD player to this unit. performed on the CD · Set the fader start switch to "ON". player. This unit does not · Check the connections for all devices.

operate properly, or · Check whether the sound source, audio device, application, and OS there is no sound. volume settings are correctly adjusted. This unit does not · Select a suitable device. operate properly, or · Match the unit settings with the application settings. there is no sound. · WAV files become mixed if the sampling frequency and bit number are different. Depending on the audio application used, WAV files that have different sampling frequencies or bit numbers cannot be played simultaneously. · If another USB device is connected, connect only this unit and check whether it operates correctly. · Use the USB cable provided. Also, check whether the USB connector of the connected computer is USB2.

0 (Hi-Speed) compatible. 68 9 9 9 9 6 12 68 9, 14 14 8 17 Specifications n Audio · PHONO inputs Input impedance: Level: Signal to Noise ratio: · CD inputs Input impedance: Level: Signal to Noise ratio: · Equalizer (LINE) Channel EQ Adjustment Range: (0 dBu=0.775 Vrms, 0 dBV =1 Vrms) 2 Stereo Unbalanced RCA terminal 47 k 40 dBV(10 mV) 89 dB 2 Stereo Unbalanced RCA terminal 10 k 0 dBV 100 dB 3 Band HI (High Range) : , 90 dB +10 dB MID (Medium Range) : , 90 dB +10 dB LOW (Low Range) : , 90 dB +6 dB 1 Stereo RCA Terminal 10 k 0 dBV 1 Stereo RCA Terminal 10 k AUX2:0 dBV EFX RETURN:10 dBV Monaural Balanced XLR (1: Ground, 2: Hot, 3: Cold) 5k 60 +20 dBu -126 dBu or less (Rs=150) 89 dB or more (1 kHz) 2 Band HI (High Range) :15 +15 dB LOW (Low Range) :15 +15dB 4 Stereo(8 Monaural) 24 bit, Fs:44.1/48/96 kHz USB B Stereo, balanced XLR terminal (1: Ground, 2: Hot, 3: Cold) 32 bit 128-times oversampling advanced segment Load impedance: Level: Frequency response: THD: Crosstalk: Unbalanced: Load impedance: Level: · EFX SEND/BOOTH Output Load impedance: Level: Over 600 + 4 dBu (Max + 24 dBu) 20 Hz 20 kHz(±0.5 dB) Less than 0.05% Less than 100 dB (1 kHz) Stereo RCA terminal 10 k 0 dBu (Max + 20dBu) Stereo RCA terminal 10 k or more BOOTH: 0dBu (Max + 20dBu) EFX SEND:10dBV (Max +10dBV) Stereo 40 100 mW 4 Stereo(8 Monaural) 24bit, 44.1/48/96 kHz USB B IN:1ch, OUT:1ch MIDI1.0, MIDI Clock USB B PPM 10 Point LED-20 + 10 dB, Peak PPM 10 Point LED-20 + 10 dB, Peak 45 mm Slim Type fader 45 mm FLEX Fader (Fader Torque Adjustable) AC 120 V, 60 Hz AC 230 V, 50 Hz 24 W (Less than 0.3 W during standby) +5 °C +35 °C 25 % 85 % 20 °C 60 °C Before use n Dimensions Width: Height: Depth: Weight: 250 mm / 9.8" 315 mm / 12.

4" 90 mm / 3.5" 4.0 kg (8 lbs 13.1 oz) Part names and functions Connections 9 mm (0.35") Basic operations 330 mm (13.0") 315 mm (12.4") · Headphone output Load impedance: Level: · USB audio output Effector function Fader Start function 6 mm (0.24") · AUX1 Input Input impedance: Level: · EFX RETURN AUX2 inputs Input impedance: Level: · MIC inputs MIC: Input impedance: Level: EIN: CMRR: · Equalizer (MIC/AUX1) Adjustment Range: · USB audio inputs n General USB MIDI I/O: CH Meter: MASTER Meter: CH Fader: Cross Fader: · Power supply: U.S.A.

and Canada models: European,U.K. and Asia/ Pacific models: Power consumption: USB settings 250 mm (9.8") 90 mm (3.5") 112 mm (4.4") Troubleshooting specifications Index System diagram Operating temperature: Operating humidity: Storage temperature: · MASTER output Balanced: DA converter: zFor the purpose of improvement, the specifications and design are subject to change without notice. 18 Index vA Automatic standby function 4

vM MIDI command	15, 16	vB Beat	11	BeatBreaker	10	Beat pattern	10	vP Power on/off (standby)	9	vR Rear panel	9																																																																
.....	5	vC Cable	6	Balanced cable	6	RCA pin plug cable	6	Stereo mini plug cable	6	USB cable	6	Channel fader	6	Connection	12, 13	Active speakers	7	Computer	7	External effects processor	8	Main balance power amp	7	Main unbalance power amp	7	Mic connection	7	Power cord	7	Cross fader	8	Selecting the sampling frequency	12, 13	Send/Return function	14	USB settings	14	Top panel	10	USB audio	3	Duckling	9	DVS	9	Effector	15	Fader start	10, 11	Front panel	12	Headphone monitor	4	Before use	9	Connections	19	USB settings	19	Troubleshooting specifications	18	Index	18	System diagram	18	Part names and functions	18	Basic operations	20	Effector function	19	Fader Start function	19	System diagram	20



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