

Mackie 1604-VLZ3

Mackie 1604-VLZ3 16-Channel Compact Mixer User Manual

Model: 1604-VLZ3

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Mackie 1604-VLZ3 16-Channel Compact Mixer. Please read this manual thoroughly before operating the device to ensure proper functionality and to maximize its performance.

2. KEY FEATURES

The Mackie 1604-VLZ3 mixer is designed for professional audio applications, offering a robust set of features for live sound, project studios, and recording environments. Key features include:

- Ultra-low noise VLZ3 design with high headroom.
- 16 studio-grade XDR2 Extended Dynamic Range microphone preamps with a 60dB gain range and 130dB dynamic range.
- Support for +22dBu line input handling.
- Extended low frequency response and distortion under 0.0007% (20Hz - 20kHz).
- Phantom power for condenser microphones.
- 16 high-headroom line inputs and 16 channel inserts.
- Advanced DC pulse transformer RF rejection.
- 60mm long-wearing logarithmic-taper faders.
- 4 Aux sends, with level, pan, -20dB/Solo, and Overload/Mute LEDs on each channel.
- 4 stereo Aux returns, 8 Direct outs, and 4 Group/Bus outputs.
- 3-band Active EQ with sweepable midrange (100Hz to 8kHz, +/-15dB).
- 18dB/octave 75Hz Lo-Cut filter.
- Control Room/Phones multi-input source matrix.
- Balanced 1/4" inputs and outputs (excluding inserts).
- Rack-mountable design with three physical configurations via rotating I/O pod.

- Sealed rotary controls for resistance against dust and grime.
- Multi-Voltage power supply for global use.
- Rugged steel chassis construction.

3. SETUP

Proper setup is crucial for optimal performance of your Mackie 1604-VLZ3 mixer. Follow these steps for initial configuration.

3.1 Unpacking and Inspection

Carefully remove the mixer from its packaging. Inspect the unit for any signs of damage that may have occurred during shipping. Retain the packaging for future transport or storage.

3.2 Power Connection

Connect the provided power cable to the mixer's AC inlet and then to a suitable power outlet. The 1604-VLZ3 features a multi-voltage power supply, allowing for worldwide use without voltage selection.

3.3 Physical Configuration (Rotopod Option)

The 1604-VLZ3 includes a Rotopod feature, allowing the rear I/O patchbay to be rotated for different setups:

- **Desktop Use:** The patchbay can face upwards or outwards (standard configuration).
- **Rackmount Installations:** The Rotopod facilitates accessing the patchbay from either the front or rear of a rack. Refer to the Rotopod installation guide for detailed instructions on changing the orientation.



Figure 3.1: Front-top view of the Mackie 1604-VLZ3 mixer, showing the main control surface.



Figure 3.2: Rear panel of the Mackie 1604-VLZ3, displaying various input and output connections including XLR, TRS, and RCA ports.

3.4 Audio Connections

Connect your microphones, instruments, and other audio sources to the appropriate input channels. Use balanced XLR cables for microphones and balanced/unbalanced 1/4" TRS cables for line-level inputs. Connect your main outputs to amplifiers, powered speakers, or recording devices.

- **Microphone Inputs (XLR):** Channels 1-16 feature XLR inputs for microphones.
- **Line Inputs (1/4" TRS):** Channels 1-16 also have 1/4" TRS line inputs.
- **Main Outputs (XLR/TRS):** Connect to your main sound system.
- **Aux Sends>Returns:** For external effects processors or monitor mixes.
- **Direct Outs:** Channels 1-8 feature direct outputs for multi-track recording.

4. OPERATING INSTRUCTIONS

This section details the operation of the Mackie 1604-VLZ3 mixer's various controls and features.

4.1 Channel Strip Controls



Figure 4.1: Close-up of the Mackie 1604-VLZ3 control surface, highlighting individual channel controls and the master section.

- **Gain Control:** Adjusts the input sensitivity for microphones and line-level signals. Use the OL (overload) LED to set the gain appropriately, ensuring it flashes only on the loudest peaks.
- **Lo-Cut Filter:** Activates an 18dB/octave 75Hz high-pass filter to remove unwanted low-frequency rumble.
- **Equalization (EQ):** Each channel features a 3-band active EQ.
 - **High (12kHz):** Adjusts high frequencies.
 - **Mid (Sweepable 100Hz-8kHz):** Allows precise frequency selection and adjustment in the midrange.
 - **Low (80Hz):** Adjusts low frequencies.
- **Aux Sends:** Controls the level of the channel signal sent to the four auxiliary outputs, typically used for monitor mixes or external effects.
- **Pan Control:** Positions the channel signal within the stereo field (left to right).
- **Mute/Solo:** The Mute button silences the channel. The Solo button isolates the channel for monitoring through headphones or control room outputs.
- **Fader:** Controls the output level of the individual channel.

4.2 XDR2 Mic Preamps

The 1604-VLZ3 incorporates XDR2 (Extended Dynamic Range) second-generation microphone preamps. These preamps are designed for low noise and high headroom, accommodating a wide range of input levels from quiet whispers to loud signals without significant coloration. They provide 60dB of available gain per channel and can handle line-level signals up to +22dBu.

4.3 Split-Monitoring Configuration

For multi-track recording, the 1604-VLZ3 supports a split-monitoring workflow:

1. Connect your sound sources (e.g., microphones, drums) to the first eight channels (1-8).
2. Patch the DIRECT OUT jacks of channels 1-8 to the corresponding inputs of your multi-track recorder (e.g., Direct Out 1 to multi-track input 1).
3. The signals from channels 1-8 will be sent to the multi-track recorder for recording or direct pass-through.
4. Connect the outputs of your multi-track recorder to the LINE inputs of channels 9-16 on the 1604-VLZ3 (e.g., multi-track out 1 to Line Input 9).
5. Channels 9-16 will then be used to monitor the recorded tracks and route them to the mixer's output section for mixdown, control room monitoring, or headphones.

4.4 Master Section

The master section provides overall control for the mixer's outputs and monitoring.

- **Main Mix Faders:** Control the overall level of the stereo main output.
- **Aux Master Section:** Controls the overall level of the auxiliary sends and returns.
- **Control Room/Phones Matrix:** Selects the source for monitoring through headphones and control room outputs.
- **Headphone Amplifier:** Provides a high-volume output for monitoring.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your Mackie 1604-VLZ3 mixer.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid abrasive cleaners or solvents. For stubborn grime, a slightly damp cloth can be used, ensuring no liquid enters the controls or openings.
- **Dust Protection:** Keep the mixer covered when not in use to prevent dust accumulation, especially on faders and rotary controls. The sealed rotary controls offer some resistance to dust and grime.
- **Environmental Conditions:** Operate the mixer in a dry, temperature-controlled environment. Avoid extreme temperatures, humidity, and direct sunlight.
- **Cable Management:** Ensure all cables are neatly organized and not under strain to prevent damage to connectors and internal wiring.
- **Physical Handling:** The mixer features a rugged steel chassis. However, avoid dropping or subjecting the unit to severe impacts.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Mackie 1604-VLZ3 mixer. If you experience problems not covered here, please contact Mackie technical support.

6.1 No Sound Output

- **Check Power:** Ensure the mixer is powered on and the power cable is securely connected.
- **Master Faders:** Verify that the main mix faders are raised.
- **Channel Faders/Mute:** Ensure individual channel faders are up and the Mute buttons are disengaged.
- **Input Source:** Confirm that an audio source is connected and active.
- **Output Connections:** Check that the main outputs are correctly connected to your amplifier or powered speakers and that those devices are powered on and functioning.
- **Control Room/Phones:** If monitoring through headphones, ensure the correct source is selected in the Control Room/Phones matrix.

6.2 Distorted Audio

- **Gain Settings:** Reduce the input gain (trim) on the offending channel. The OL (overload) LED should only flash occasionally on the loudest peaks.
- **Output Levels:** Ensure that the main mix faders and any subgroup faders are not set too high, causing clipping at the output stage.
- **External Devices:** Check the input levels of any connected external effects processors or recording devices.

6.3 Hum or Noise

- **Ground Loops:** Ensure all audio equipment is connected to the same electrical ground. Use balanced cables where possible.
- **Cable Quality:** Inspect audio cables for damage or poor shielding.
- **RF Interference:** Keep audio cables away from power cables and other sources of electromagnetic interference. The mixer features advanced DC pulse transformer RF rejection.
- **Phantom Power:** Ensure phantom power is only engaged for condenser microphones that require it.

7. SPECIFICATIONS

Below are the technical specifications for the Mackie 1604-VLZ3 16-Channel Compact Mixer.

Feature	Specification
Brand	Mackie
Model Name	1604-VLZ3
Controls Type	Push Button, Rotary Faders
Microphone Preamps	16 x XDR2 (Extended Dynamic Range)
Gain Range	60dB (Mic Preamps)
Dynamic Range	130dB (Mic Preamps)
THD (Mic Pre)	Under 0.0007% (20Hz - 20kHz)
Total Mixer THD	Less than 0.0025%
Line Input Handling	Up to +22dBu
Equalization	3-band Active EQ with sweepable midrange (100Hz-8kHz)

Feature	Specification
Lo-Cut Filter	18dB/octave 75Hz
Aux Sends	4
Aux Returns	4 Stereo
Direct Outs	8
Group/Bus Outputs	4
Material Type	Metal (Rugged Steel Chassis)
Product Dimensions	22 x 8 x 21 inches
Item Weight	29 pounds
UPC	663961015393, 663961009903, 663961001426

8. WARRANTY INFORMATION

Mackie products are designed for durability and reliability. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Mackie website. Keep your proof of purchase for warranty claims.

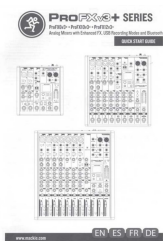
9. SUPPORT AND CONTACT

If you require further assistance, technical support, or have questions regarding your Mackie 1604-VLZ3 mixer, please contact Mackie customer service or visit the official Mackie support website:

- **Mackie Official Website:** www.mackie.com
- Refer to the website for contact information, FAQs, and additional resources.

Related Documents - 1604-VLZ3

	Mackie 1202-VLZ PRO 12-Channel Mic/Line Mixer: Specifications and Features Detailed specifications, features, and applications for the Mackie 1202-VLZ PRO, a 12-channel compact mic/line mixer with XDR mic preamps, offering high headroom and low noise for professional audio use.
	Mackie 1402-VLZ PRO 14-Channel Mic/Line Mixer Technical Specifications Comprehensive technical specifications, features, applications, and physical configuration details for the Mackie 1402-VLZ PRO 14-Channel Mic/Line Mixer, a robust audio mixing console.



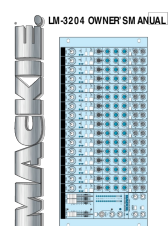
Mackie ProFXv3+ Series Analog Mixers: Enhanced FX, USB, Bluetooth

Explore the Mackie ProFXv3+ Series, professional analog mixers featuring enhanced GigFX+ effects, a 24-Bit/192kHz USB-C audio interface, and bi-directional Bluetooth. Ideal for studio recording, live sound, and streaming, these mixers offer award-winning Onyx preamps and intuitive controls.



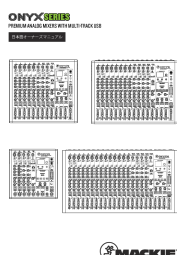
Mackie 1202VLZ4 12-Channel Compact Mixer Owner's Manual

Comprehensive owner's manual for the Mackie 1202VLZ4 12-Channel Compact Mixer, detailing features, setup, operation, connections, troubleshooting, and technical specifications. Includes safety guidelines and contact information.



Mackie LM-3204 Stereo Line Mixer Owner's Manual

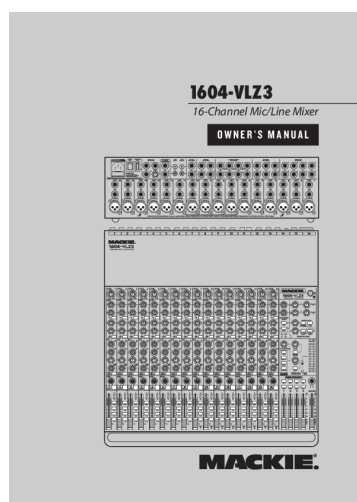
Comprehensive owner's manual for the Mackie LM-3204 Stereo Line Mixer. This guide covers features, operation, panel layout, connections, specifications, troubleshooting, and applications for professional audio setups.



Mackie Onyx Series: USB

Mackie Onyx Series	USB	Bluetooth	Onyx	Perkins EQ	FX
Onyx8 Onyx12 Onyx16 Onyx24					

Documents - Mackie – 1604-VLZ3



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1604 VLZ3 16 Channel Mic Line Mixer Owner s Manual Mixing Console Sound Reinforcement Mackie
LOUD Technologies Inc Mackoid Hence the RUDE SOLO LIGHT It especially handy at about 3 00 in
morn ing when no sound is coming out of your monitors even though 112364 manual en images thomann
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1604-VLZ3 16-Channel Mic/Line Mixer OWNER S MANUAL **1604-VLZ3** Important Safety Instructions 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 ventilat...

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1604 VLZ PRO 16 CHANNEL MIC LINE MIXER OWNER S MANUAL JS Jarda Suchánek Mackie VLZ3

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Mixzn pult model 1202-VLZ3 1402-VLZ3 **1604-VLZ3** 1642-VLZ3 Uzivatelsk prucka

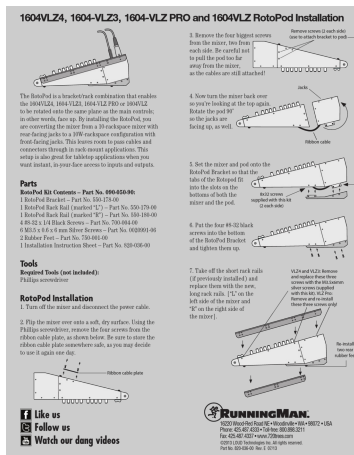
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and 1604VLZ RotoPod The is a bracket rack combination that enables the or to be rotated onto same

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SUPPORT DOCS Installation

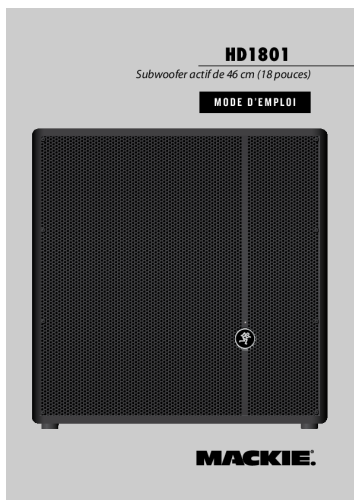
1604VLZ4, **1604-VLZ3**, 1604-VLZ PRO and 1604VLZ RotoPod Installation 3. Remove

the four biggest screws from the mixer, two from each side. Be careful not to pull the

pod too far away from the mixer, as the cables are still attached Remove screws 2

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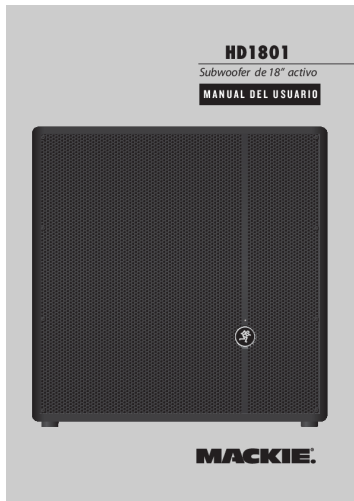
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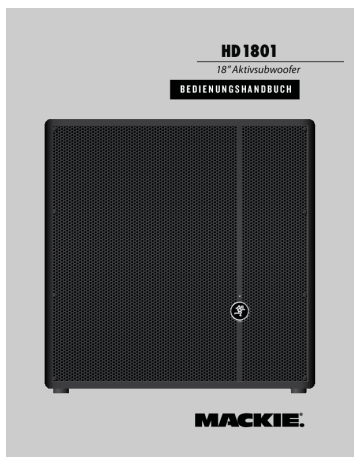


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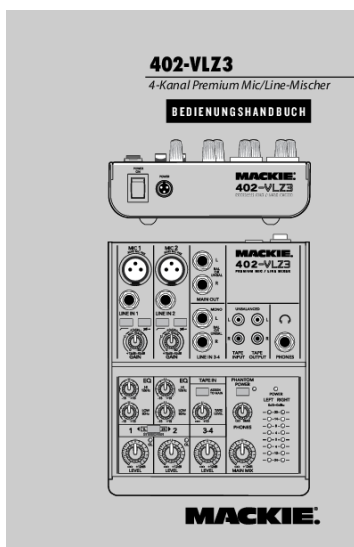


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402-VLZ3 4-Kanal Premium Mic/Line-Mischer BEDIENUNGSHANDBUCH 402-VLZ3 Wichtige Sicherheitsvorkehr ... re kreativen Ideen auf. Die Mackie VLZ3 Serie an Mischern besteht aus dem 802, 1202, 1402, 1642 und **1604-VLZ3**. Bei der Konstruktion waren einige dieser hochwertigen Kanle briggeblieben also haben wir...

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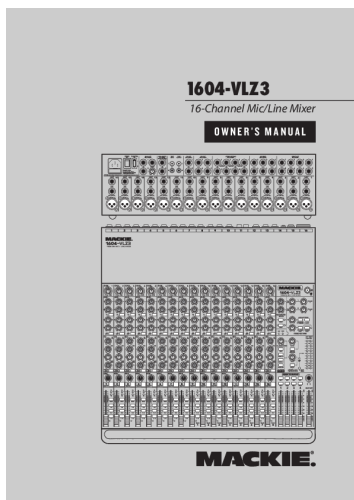


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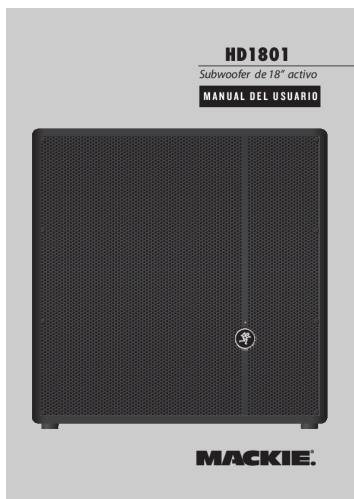


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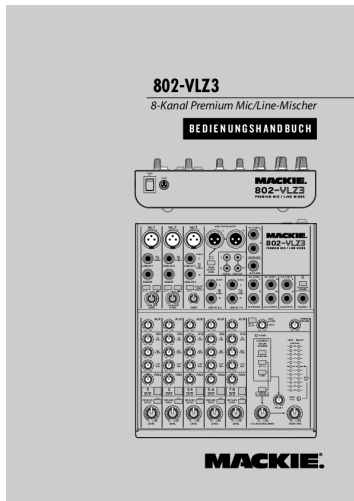


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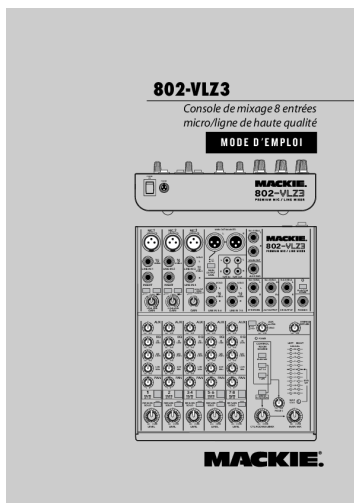
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802-VLZ3 8-Kanal Premium Mic/Line-Mischer BEDIENUNGSHANDBUCH POWER ON POWER 802 MIC 1 XDR2 MIC P ... eativen Ideen auf. Die Mackie VLZ3 Serie an Mischern besteht aus dem 402, 802, 1202, 1402, 1642 und **1604-VLZ3**. Der 802-VLZ3 Mischer besitzt mehr Kanäle als ein 4-Kanal Mischer, aber nicht so viele wie ...
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Mackie 802 VLZ3 Owner s Manual Français 802vlz3 om french synthmanuals manuals mackie vlz3 owners manual français |||

802-VLZ3 Console de mixage 8 entrées micro/ligne de haute qualité MODE D'EMPLOI POWER ON POWER 802 ... r vos chefs-d'œuvre. La gamme de consoles Mackie VLZ3 comprend les modèles 802, 1202, 1402, 1642 et **1604-VLZ3**. Bien qu'elles possèdent moins de voies que nos consoles 12 entrées, les 802-VLZ3 sont parfaites...
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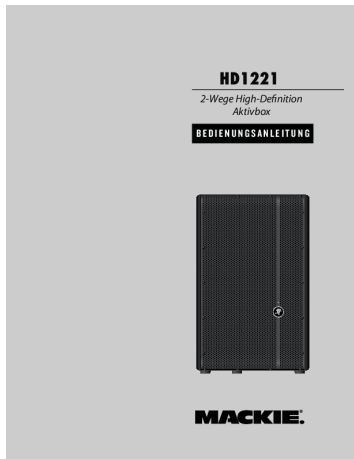


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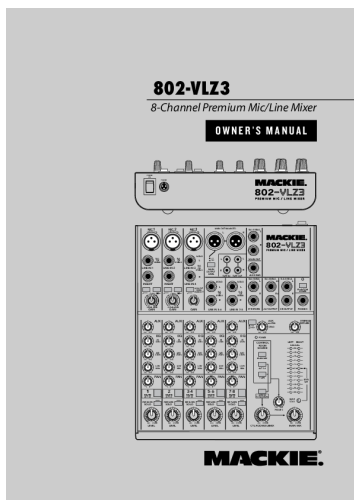


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MACKIE

HD1221

2-Way High-Definition
Powered Loudspeaker

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MXR1600 rentex spec |||

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ultra-low noise VLZ3 design with highest possible headroom 16 studi...
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1604 VLZ3 PROFESSIONAL COMPACT synthmanuals vlz3 professional Synth Manuals MIXER 2 6
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Hz kHz bandwidth 129 5 dBu COMPACTMIXER FEATURES □ Ultra compact 16 channel mixer featuring
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lang:en score:21 filesize: 1.24 M page count: 6 document date: 2010-12-23

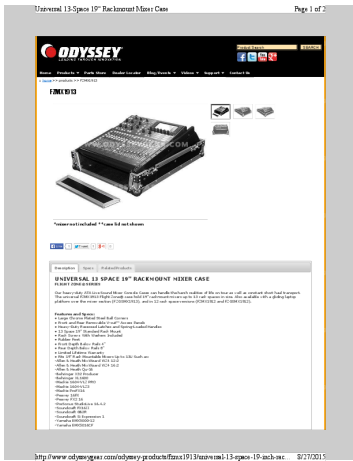
[\[pdf\]](#) User Manual Owner's Manual

HD1221 OM mackie jp

HD1221 2-Way High-Definition Powered Loudspeaker No 13003-101001 ... S
IONUSIVDREI.RREFER SERVICING TO QUALIFIED PERSONNEL. SERIAL
NUMBER REVISION POWER ON Mackie **1604-VLZ3** WARNING: TO REDUCE THE
RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO
R...

lang:af score:21 filesize: 6.64 M page count: 24 document date: 2015-05-22

[illegible]



[\[pdf\]](#) Specifications Warranty

ODYSSEY FZMX1913 tac 176211 tmppro specsheets

Universal 13-Space 19 Rackmount Mixer Case Page 1 of 2 Product Search Home Products Parts Store ... Z4 16:2 -Allen Heath Qu-16 -Behringer X32 Producer -Behringer XL1600 -Mackie 1604-VLZ PRO -Mackie **1604-VLZ3** -Mackie ProFX16 -Peavey 16FX -Peavey FX2 16 -PreSonus StudioLive 16.4.2 -Soundcraft FX16II... lang:en score:20 filesize: 721.35 K page_count: 2 document date: 2015-08-27

[\[pdf\]](#) Guide

Layout 1 Why Choose Long McQuade Arius YDP 140 160 88 Key Digital Piano □ Exceptionally natural key touch virtually replicates that of an actual grand piano with Graded Hammer Standard gear guide web FINAL srsltid AfrmBOormLoR TnoBQH5xl hlfiAwtJBilnunc7r6LldcmYUXdUJqS14J long mcquade ||| SERVING CANADA SINCE 1956, WITH 41 LOCATIONS NATIONALLY, INCLUDING: St. John s, NF 709 753-1885 S ... lownoise, high-headroom circuitry deliver the same phenomenal sound and performance that makes the **1604-VLZ3** prized in studios and on stages around the globe. 282641 225 1202-VLZ3 Premium 12-Channel... lang:en score:20 filesize: 6.41 M page_count: 49 document date: 2008-09-23



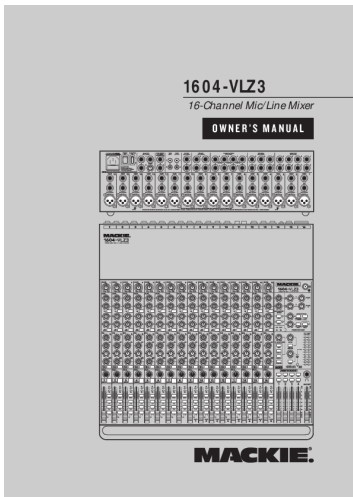
[\[pdf\]](#) Specifications Accessories

Product specification sheet 660875 emnordic se storage

FAEF2AA0D88607D214EF36260968EB6BADC5B1767F9BAFCF7D3F3E0157485982

67a7e030ccc4a9ea04aa47ba7a3826 media 374d6ef30b2d416f878d57396e71ddf5 |||

Product title Product specification sheet 1SKB-UB1818 SKB Universal Equipment / Mixer Bag 18x18x5 ... 5 to accommodate products such as the PreSonus Studiolive 16.0.2, Behringer Xenyx X2222USB, Mackie **1604-VLZ3** and more with the iPad in the padded pocket. The Universal Mixer/Equipment Bag is constru... lang:en score:19 filesize: 439.61 K page_count: 1 document date: 2020-04-16

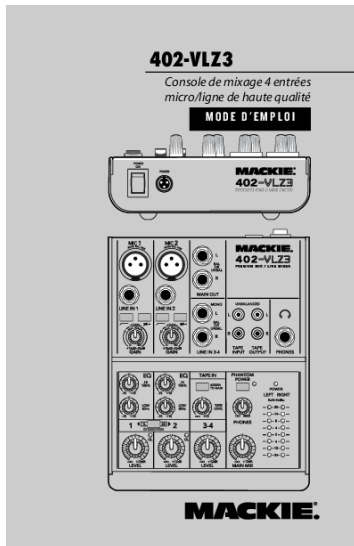


[\[pdf\]](#) User Manual Owner's Manual Instructions Diagram

Important Safety Instructions 1604 VLZ3 Owner s Manual Read This Page! We realize that you must be keen to try out your new How To Use Since many of folks will want hook up the most from it That where this manual comes in immediately fi rst pages en counter after table contents are ever popular hookup diagrams These show typical mixer setups for Recording and Stereo PA After section is a detailed 4 Introduction Thank choosing Mackie professional com pact The equipped with our preci sion engineered XDR2TM Extended Dynamic Range premium studio grade mic preamp 1604VLZ3 OM home httpd data media 3 advancedaudiorentals docs c3 zzounds 3bc5aed7bce3c9e5bfd528304c02812d 80

...

lang:en score:19 filesize: 4.72 M page_count: 36 document date: 2007-02-09



[\[pdf\]](#) Instructions

Skip to main content Product Category Mackie 402VLZ3 OM French mackie products 402vlz3 |||

402-VLZ3 Console de mixage 4 entres micro/ligne de haute qualitt MODE D EMPLOI

402-VLZ3 Consignes ... r vos chefs-d oeuvre. La gamme de consoles Mackie VLZ3 comprend les modles 802, 1202, 1402, 1642 et **1604-VLZ3**. Il nous restait un surplus de voies de mixage haute qualitt, dont nous avons dcid d quiper...

lang:fr **score:19** filesize: 2.28 M page_count: 24 document date: 2008-02-01



[\[pdf\]](#) Installation Guide Instructions

FR SRM1801 OM mackie Products french

SRM1801 Subwoofer actif de 46 cm 18 pouces MODE D EMPLOI INSTRUCTIONS IMPORTANTES SUR LA SCURIT ... ULL RANGE B INPUT A B 18-INCH POWERED SOUND REINFORCEMENT SUBWOOFER Console de mixage Mackie **1604-VLZ3** indique POWER ON -100 -120 VAC 50/60Hz 1010W WARNING: TO REDUCE THE RISK OF FIRE OR EL...

lang:fr **score:18** filesize: 5.15 M page_count: 18 document date: 2012-07-18



[\[pdf\]](#)

SW0842 RevA de Larson haakenstad SRM1801 OM DE mackie Products srm1801

SRM1801 Aktiver 18 Subwoofer BEDIENUNGSHANDBUCH Wichtige

Sicherheitshinweise 1. Lesen Sie diese ... RT A FULL RANGE B INPUT A B 18-INCH POWERED SOUND REINFORCEMENT SUBWOOFER Mischpult Mackie **1604-VLZ3** POWER ON -100 -120 VAC 50/60Hz 1010W WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC S...

lang:de **score:18** filesize: 3.6 M page_count: 18 document date: 2012-07-10

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[Gator Cases Master Cross Reference Chart](#)

A comprehensive cross-reference chart from Gator Cases, updated April 5, 2010, listing manufacturers, models, and types of gear including Pro A/V, Keyboard, Guitar, Recording, and DJ equipment, along with corresponding interior case dimensions.

lang:en score:16 filesize: 456.75 K page_count: 42 document date: 2014-01-09



[\[pdf\]](#)

Page 01 10 11 12 13 indd jimjohnston weetNotes® S Sweetwater By Mitch Gallagher It might have been snowy and cold at s headquarters in Fort Wayne but it was raining new gear the recent Winter NAMM show sweetnotes feb07 media sweetwater publications
February/March 2007 Issue Vol. 73 SweetNotes 800 222-4700 www.sweetwater.com
Making music hap ... ve on the sound quality and low-noise reputation that made the original VLZ Pro series so popular. **1604-VLZ3** So what s new Mackie engineers extracted even more frequency response and headroom out ...
lang:en score:16 filesize: 13.14 M page_count: 16 document date: 2007-04-03

Featured Rentals

Long & McQuade
MUSICAL INSTRUMENTS •
long-mcquade.com

ApeX Live Tube Audio Pattern Mic
Daily \$7
Weekly \$13
Monthly \$25

- Dual diaphragm and pattern design
- Two different polar pattern settings

Roland TR-8S Track and Trigger Recorder
Daily \$8
Weekly \$15
Monthly \$28

- Back to effects and 32 channel
- Can be used as both I/O or trigger

Dorco Dual CD Player
Daily \$18 Weekly \$35 Monthly \$70

- 16 CD tray
- Seven listening and play controls

Fog Storm Mini Fog Machine
Daily \$15
Weekly \$28
Monthly \$50

- 100 cubic feet per hour
- 700 watt
- Fog-free

DLX2000-750

Macie Compact Mixer

Daily \$18
Weekly \$35
Monthly \$70

- 16 high impedance line inputs
- 16 channel stereo mix output

MAC-120

Yarkville Active Speaker

Daily \$16
Weekly \$27
Monthly \$53

- 700 watt
- 16 channel stereo inputs and 16 channel outputs

MTSP

Sharp Wireless Speaker w/AM/FM

Daily \$14
Weekly \$27
Monthly \$53

- 16 channel stereo inputs
- 16 channel stereo mix output
- 16 channel stereo mix output

Yarkville P.A. Speaker
Daily \$15
Weekly \$26
Monthly \$50

- 100 cubic feet per hour
- 700 watt
- Fog-free

Y100

All items subject to availability only

Please visit long-mcquade.com or 8556

November 2008

Page 2

[\[pdf\]](#)

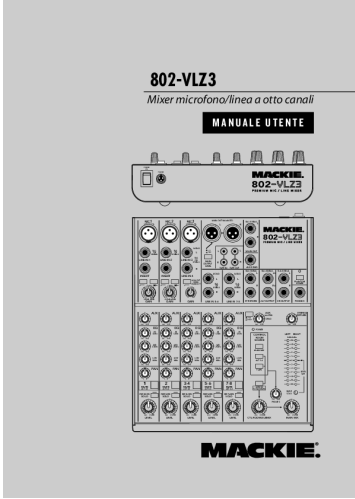
untitled 39 FBVUSFE 3FOUBMT Long McQuade Featured Rentals CX80 C170P Y150M C2560 TX4P
TX4 YSL CX SERIES 8 TWTR 100W OHMS HORN POWERED CAB W U BRKT 8R 15 1 300W MONTR
PERFORMANCE 60DEG WFW COLISM STEREO 3 WAY PROCESSR TX 2 500W 120W CABNT
Rental Rates jan09 PA and RECORDING long mcquade imgs |||
FBVUSFE3FOUBMT SH :LGH7XEH 0XOWL3DWWHUQ0LF 1 9 BJMZ 8FFLMZ
.POUIMZ VBMEJBQISBHNNVMUJQBUUFSEFT ... HEATH MIXERS W3 1602
GL2400-424 GL2400-432 MACKIE MIXERS 1202-VLZ3 1402-VLZ3 CFX12-MKII
CFX16-MKII **1604-VLZ3** AUDIOPRO POWER AMPS AP1020 CR12 AP2020 AP4020
AP4040 A4.4 PULSE P. A. CABINETS YX10 YX12 Y...
lang:i-klngon score:16 filesize: 604.35 K page count: 6 document date: 2009-01-22

Department: PA August 2010 Rental Rates				
Model	Description	1 Day	1 Wk	1 Mth
not all product available in every location please check with your location for availability				
GROUP: MICRO-DYNAMIC/COMBO				
800-11	SHURE DYNAMIC MIC OM-107 5WIRE CLAR DYNMIC	2	13	25
AP45145	APEX POSITION MIC W/STAND & SWITCH	2	9	9
AP45145	APEX POSITION MICROPHONE MIC W/STAND	2	9	9
BETA 57A	SHURE BETA DYNAMIC HANDHELD MIC SUPERCARDIOID	5	10	20
BETA 58A	SHURE BETA DYNAMIC HANDHELD MIC SUPERCARDIOID	5	10	20
OP1049	BETA DYNAMIC MIC	5	10	20
OP1049	BETA LARGE DIAPHRAGM DYNAMIC MIC	5	11	22
SM71-LC	SHURE CARDIOID DYNAMIC MIC, 100' CABLE	4	7	14
SM71-LC	SHURE CARDIOID HANDHELD DYNAMIC MIC (NO CABLE)	4	8	16
TO447	BETA DYNAMIC MIC	3	6	12
TO448	BETA DYNAMIC MIC	3	6	12
GROUP: MICRO-DYNAMIC/COMBO				
12008	SHURE "THE GREEN WILLET" MIC FOR BARRICADE	4	7	14
AP45113	APEX DYNAMIC KICK DRUM MIC	5	9	10
AP45114	APEX DYNAMIC DRUM DRUM MIC	2	4	9
AP45170	APEX DYNAMIC INSTRUMENT MIC	2	4	9
BETA 12	SHURE BETA DYNAMIC INSTRUMENT MIC FOR KICK	7	13	25
BETA 14	SHURE BETA DYNAMIC INSTRUMENT MIC SUPERCARDIOID	5	10	20
0112	AND LARGE DIAPHRAGM CARDIOID DYNAMIC MIC	7	13	25
NO 421-11	SHURECARDIOID DYNAMIC MIC	9	16	35
GROUP: MICRO-DYNAMIC/COMBO				
AP45130	APEX HORNBY MICROPHONE-PERFORMANCE	5	9	10
AP45140	APEX POSITION MIC - PERFORMANCE	2	4	9
AP45140	APEX MIC - PERFORMANCE MIC W/STAND-PERFORM	4	8	15
AP45145	APEX MIC W/STAND-PERFORM	3	5	10
AP45170	APEX POSITION CONDENSER MIC W/STAND-PERFORM	3	6	12
AP45170	APEX POSITION MIC W/STAND-PERFORM	2	4	9
BETA 57	SHURE BETA HANDHELD CONDENSER MIC SUPERCARDIOID	5	10	20

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pa rental rates aug10 long mcquade imgs |||

Department: PA August 2010 Rental Rates Model Description 111 Day Wk Mth *not all product availa ... ENSER 13 25 50 16 32 63 Group: MIXERS-1 TO 16 CHANNEL 1202-VLZ3 MACKIE 12CH COMPACT MIXER **1604-VLZ3** MACKIE 16CH COMPACT MIXER CFX12-MKII MACKIE 12CH LIVE SOUND MIXER W/EMAC EFFECTS 7 13... lang:en **score:16** filesize: 45.27 K page_count: 8 document date: 2010-08-05



[pdf]

802VLZ3 OM ita mackie products vlz3series

802-VLZ3 Mixer microfono/linea a otto canali MANUALE UTENTE POWER ON POWER 802 MIC 1 XDR2 MIC PR ... nto produce. La serie di mixer Mackie VLZ3 comprende il 402, l 802, il 1202, il 1402, il 1642 ed il **1604-VLZ3**. Il mixer 802-VLZ3 ha pi canali di un mixer a quattro canali, ma non tanti quanto un mixer... lang:it **score:15** filesize: 3.24 M page_count: 28 document date: 2011-05-05

[pdf]

untitled Rentals Long McQuade DN D4500 DENON DUAL CD PLAYER 18 35 70 ALLEN HEATH MIXERS W3 1602 MIXWIZARD 16 MIC W 4 BAND EQ 24 48 95 GL2400 424 ALLEN PARRecording Rental Rates Dec 2007 srsltid AfrmBOoq44S8PNjmBiebO4YxCF35IOx 1WDTMY0HJAR77IVaSrxfHFYms long mcquade ||| 5HQWDOV 785 SH :LGH7XEh 0XOWL3DWWHUQ0LF 1 9 BJMZ 8FFLMZ .POUIMZ VBMEJBQISBHNNVMUJQBUIUFSoEFT ... EL LIVE CONSOLE DJ MIXER- SCRATCH DN-X100 DENON COMPACT PEROFRMANCE MIXER MACKIE MIXERS 1402-VLZ3 **1604-VLZ3** MACKIE 14CH COMPACT MIXER MACKIE 16CH COMPACT MIXER MIXERS DSM-360 DSM-420 CM 200USB VE... lang:i-klington **score:15** filesize: 170.17 K page_count: 6 document date: 2007-12-05

