

# User Guide (English)

## Introduction

### Key Features:

- 400-watt peak power output
- Rechargeable lithium ion battery allows for up to 8 hours of continuous performance
- 12" (305 mm) woofer, 1" (25 mm) HF compression driver
- Handheld UHF wireless microphone system included
- XLR+1/4" (6.35 mm) combo mic/line input
- Voice priority feature automatically lowers music during announcements
- Built-in USB media player for convenient music playback—no DJ required
- Retractable handle and tilt-back wheels for easy transport
- 35 mm speaker pole socket for flexible positioning

## Box Contents

Transport 12

Wireless Microphone

Wireless Microphone Bracket

BNC Antenna

Power Cable

User Guide

Safety & Warranty Manual

## Support

For the latest information about this product (system requirements, compatibility information, etc.) and product registration, visit [altoprofessional.com](http://altoprofessional.com).

## Important Safety Precautions

**Please note:** Alto Professional and inMusic are not responsible for the use of its products or the misuse of this information for any purpose. Alto Professional and inMusic are not responsible for the misuse of its products caused by avoiding compliance with inspection and maintenance procedures. Please also refer to the included safety and warranty manual for more information.

 **Caution:** To reduce the risk of electric shock, do not connect Transport 12 to a power outlet while the grille is removed.

### Stand-Mounting

- Always install loudspeakers in accordance with applicable electrical and building codes.
- Install the loudspeaker according to its maximum weight. Check the specifications of your stand or pole to ensure it can support the loudspeaker's weight. Also, observe all safety precautions specified by the manufacturer.
- Do **not** mount multiple loudspeakers on the same stand or pole.
- Always verify that the stand or pole is on a flat, level, and stable surface. Also, fully extend the legs of tripod-style stands, and ensure its legs do not present a trip hazard.
- Inspect the stand (or pole and associated hardware) before each use and do not use equipment with worn, damaged, or missing parts.
- Always be cautious in windy, outdoor conditions. You may need to place additional weight (e.g., sandbags) on stand's base to improve stability. Do not attach banners or similar items to any part of a loudspeaker system. Such attachments could act as a sail and topple the system.
- Unless you are confident that you can handle the loudspeaker's weight, ask another person to help you lift it onto the stand or pole.
- Make sure your cables are out of the way of performers, production crew, and audience so they will not trip over them, pulling the loudspeaker off the stand or pole.

### Sound Level

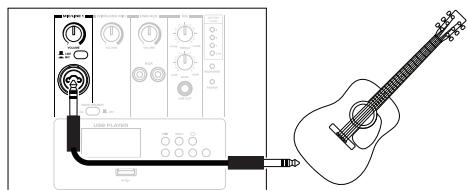
Permanent hearing loss may be caused by exposure to extremely high noise levels. The U.S. Occupational Safety and Health Administration (OSHA) has specified permissible exposures to certain noise levels. According to OSHA, exposure to high sound pressure levels (SPL) in excess of these limits may result in hearing loss. When using equipment capable of generating high SPL, use hearing protection while such equipment is under operation.

Hours per day	SPL (dB)	Example
8	90	Small gig
6	92	Train
4	95	Subway train
3	97	High level desktop monitors
2	100	Classical music concert
1.5	102	Riveting machine
1	105	Machine factory
0.50	110	Airport
0.25 or less	115	Rock concert

## Setup

Items not listed under [Introduction > Box Contents](#) are sold separately.

### Example 1

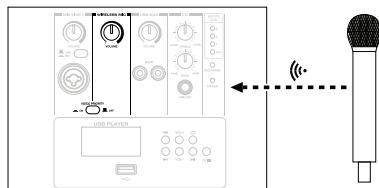


Connect a guitar with an active pickup to the **Mic/Line 1 Input** using a 1/4" (6.35 mm) TS cable.

See [Operation > Using Microphones & Other Audio Sources](#) to learn more.

**Note:** When using Transport 12 with a guitar, we recommend using one with **active** pickups rather than passive pickups. If you use a guitar with passive pickups, connect it to an external preamp or direct input (DI) box, and connect the line-level output to the loudspeaker.

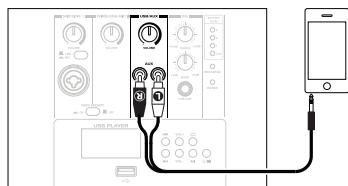
### Example 2



Power on the wireless microphone, set the channel on the wireless receiver, and then send it to the wireless microphone. Use the wireless microphone up to 250 feet (76 meters) away from the receiver.

See [Operation > Using the Wireless Microphone](#) to learn more.

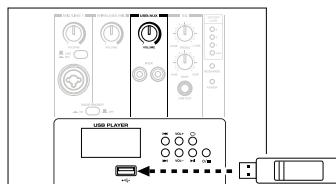
### Example 3



Connect a smartphone, tablet, or other music player to the **RCA inputs** using a stereo RCA cable.

See [Operation > Using Microphones & Other Audio Sources](#) to learn more.

### Example 4



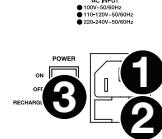
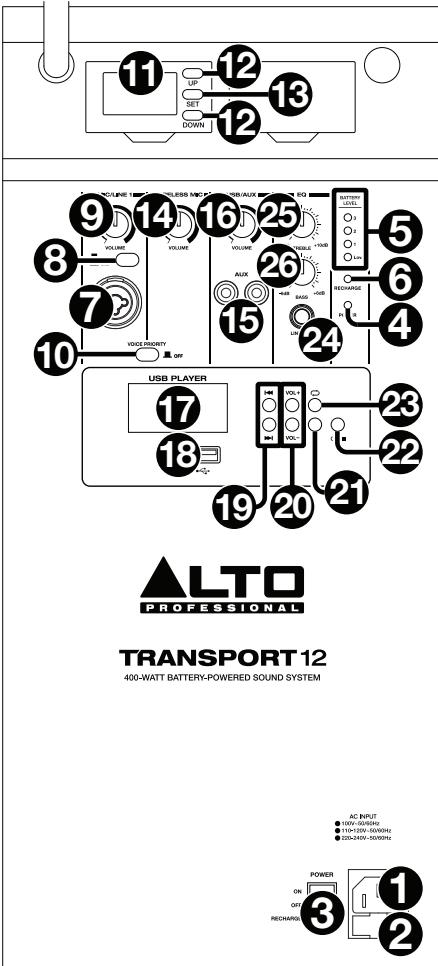
Connect a USB drive with playable music files to this **USB port**.

See [Operation > Using the USB Player](#) to learn more.

## Features

### Rear Panel

- Power Input (IEC):** Use the included power cable to connect this input to a power outlet. Make sure the speaker's **power switch** is set to "off" when connecting or disconnecting the cable.
- Fuse Holder:** If the unit's fuse is broken, lift this tab to replace the fuse. Replace it with a fuse with an appropriate rating (printed on or near the fuse holder). Using a fuse with an incorrect rating can damage the unit and/or fuse.
- Power Switch:** Use this switch to power the loudspeaker on/off. Make sure all **volume** knobs are set to "zero" before powering it on. Set this switch to **Recharge** if you are charging its internal battery but not using it.
- Power Light:** This light will illuminate when Transport 12 is powered on.
- Battery Level Indicator:** These lights show the current amount of life in Transport 12's internal battery. When only the **Low** light is lit, connect Transport 12's power input to a power outlet to recharge its battery.
- Recharge Indicator:** This light will be **red** when Transport 12's internal battery is charging. When the battery is fully charged, the light will be **green**.
- Mic/Line 1 Input (XLR or 1/4"/6.35 mm):** Use a standard 1/4" (6.35 mm) TRS or XLR cable (not included) to connect an audio source to this input. Use the **Mic/Line 1 Volume** knob to adjust the level.
- Mic/Line 1 Selector:** Press this button to select whether the **Mic/Line 1 Input** is connected to a line-level audio source (the raised position) or a microphone (the depressed position).
- Mic/Line 1 Volume:** Turn this knob to adjust the volume of the **Mic/Line 1 Input**.
- Voice Priority:** Press this button to activate or deactivate the voice priority feature. When active (the depressed position), if the **Mic/Line 1 Input** or the wireless microphone receives an audio signal, the volume level of all other audio sources will be lowered ("ducked") so the incoming signal can be heard better. When inactive (the raised position), all other audio sources will remain at their set volume levels. See **Operation > Using the Wireless Microphone** and **Using Microphones & Other Audio Sources** to learn more.



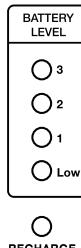
11. **Wireless Mic Display:** This display shows the current reception settings of the wireless module. See [Operation > Using the Wireless Microphone](#) to learn more.
12. **Up/Down:** Use these buttons to move to the next-highest or next-lowest channel of the wireless module. See [Operation > Using the Wireless Microphone](#) to learn more.
13. **Set:** Press this button to confirm the current setting of the wireless receiver. See [Operation > Using the Wireless Microphone](#) to learn more.
14. **Wireless Mic Volume:** Turn this knob to adjust the volume of the wireless microphone (included). See [Operation > Using the Wireless Microphone](#) to learn more.
15. **RCA Inputs:** Use a stereo RCA cable (not included) to connect an audio source to these inputs. Use the **USB/Aux Volume** knob to adjust the level.
16. **USB/Aux Volume:** Turn this knob to adjust the volume of the **RCA inputs** and USB player. This knob works in conjunction with the **Vol -/+** buttons on the USB player.
17. **USB Player Display:** This display shows the current operation of the USB player. See [Operation > Using the USB Player](#) to learn more.
18. **USB Port:** Connect a USB drive with playable music files to this USB port. This USB port is for file playback only, not for charging other devices. See [Operation > Using the USB Player](#) to learn more.
19. **Previous/Next (◀▶):** Use these buttons to move to the previous or next track. If you are currently in the middle of a track, press **Previous (◀)** to return to the beginning of the track. See [Operation > Using the USB Player](#) to learn more.
20. **Vol -/+:** Use these buttons to lower or raise the volume of the USB player. These buttons work in conjunction with the **USB/Aux Volume** knob. See [Operation > Using the USB Player](#) to learn more.
21. **Play/Pause (▶⏸):** Press this button to start/resume or pause playback. See [Operation > Using the USB Player](#) to learn more.
22. **Power/Stop (⎓/■):** Press and hold this button for 3 seconds to activate or deactivate the USB player. During playback, press this button to stop playback and return to the beginning of the track. See [Operation > Using the USB Player](#) to learn more.
23. **Repeat (⟳):** Press this button to cycle through the playback modes:
  - **Normal** (no indication): Tracks will play in their normal order and then stop.
  - **Repeat 1 (REP 1):** The current track will repeat.
  - **Repeat All (REP ALL):** The entire sequence of tracks will repeat.
  - **Random (REP):** The entire sequence of tracks will play in a random order.See [Operation > Using the USB Player](#) to learn more.
24. **Line Out (1/4"/6.35 mm):** Use a standard 1/4" (6.35 mm) cable (not included) to connect this output to the input of another loudspeaker, mixer, audio interface, etc. The signal sent from this output is a summed mono signal of all audio sources and the USB player, post-EQ.
25. **EQ (Treble):** Turn this knob to increase or decrease the high (treble) frequencies.
26. **EQ (Bass):** Turn this knob to increase or decrease the low (bass) frequencies.

## Operation

### Charging the Battery

The **battery level indicator** shows the current amount of life in Transport 12's internal battery. When only the **Low** light is lit, connect Transport 12's power input to a power outlet, and set the power switch to **On** or **Recharge** to recharge its battery. While Transport 12 is recharging, the **Recharge** light will be on.

**Tip:** If you are charging the internal battery but not using Transport 12, set the **power switch** to **Recharge**.

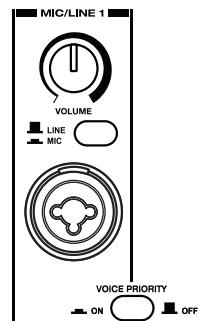


### Using Microphones & Other Audio Sources

You can use a "wired" microphone (as opposed to the included wireless microphone) or any other line-level audio source with Transport 12.

**To connect a microphone or other audio source**, do any of the following:

- Use a standard XLR or 1/4" (6.35 mm) cable to connect a microphone or line-level audio source to the **Mic/Line 1 Input**. Press the **Mic/Line 1 Input Selector** to select the source: put it in the depressed position if you are using a microphone; put it in the raised position if you are using line-level audio source.



**To control the volume**, turn the **Mic/Line 1 Volume** knob. If your audio source has its own volume control, you can use that, as well.

- Use a standard RCA stereo cable to connect a line-level audio source to the **RCA inputs**.

**To control the volume**, turn the **USB/Aux Volume** knob. If your audio source has its own volume control, you can use that, as well.

This channel has a "voice priority" feature that you can activate or deactivate. When active, if the channel receives an audio signal, the volume level of all other audio sources will be lowered ("ducked") so the incoming signal can be heard better. When inactive, all other audio sources will remain at their set volume levels.

**To activate or deactivate the voice priority**, press **Voice Priority**. The feature is active when the button is depressed, inactive when the button is raised.

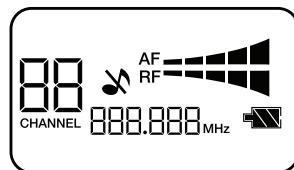
**Note:** The Mic/Line 1 Input and wireless microphone share the voice priority.

## Using the Wireless Microphone

Transport 12 has an included wireless microphone, which sends its signal to the wireless receiver on Transport 12's rear panel.

### The wireless receiver's display has the following settings:

- **Channel:** The large 2-digit number on the left edge is the current channel. The number of available channels depends on your region.
- **MHz:** The 6-digit number at the bottom edge is the current frequency.
- **Mute (🔇):** The crossed-out musical note appears when the wireless microphone signal is muted.
- **RF:** This meter shows the current level of reception between the wireless microphone and receiver.
- **AF:** This meter shows the current audio signal level sent to the wireless microphone receiver.
- **Battery Level Indicator (🔋):** The battery icon shows the current amount of life in the wireless microphone's battery.



### To set up the wireless microphone and receiver:

1. Remove the battery compartment cover on the wireless microphone, and insert **2 AA** batteries into the compartment. Make sure the polarities of the batteries (+ and -) are correct. Leave the battery compartment cover off.
2. Press and hold the **power button** on the wireless microphone to power it on. Its **Mute** light will be **green** to indicate that it is powered on.
3. Set the **power switch** on Transport 12 to **On** to power it on.
4. On the receiver, select an available channel by doing any of the following:
  - Press the **Up** or **Down** button to move through all selectable channels.
  - Press and hold the **Up** or **Down** button for 3 seconds to scan quickly up or down for an unused channel.
  - Press and hold the **Up** or **Down** button for 6 seconds to move quickly up or down.
5. Make sure the wireless microphone and transmitter are within 1 foot (31 cm) of each other with the infrared transmitter (near the **display**) and infrared receiver (near the **Gain** knob) facing one another.
6. After selecting a channel, press and hold the **Up** or **Down** button until the characters flash in the **display**. While they flash, release the button. The characters will light solidly for a second and then flash again, indicating that the wireless receiver is sending the channel information to the wireless microphone (via infrared).
7. Reattach battery compartment cover on the wireless microphone.

**Tips:** To maintain good reception while using the wireless microphone:

Stay within **250 feet (76 meters)** of Transport 12.

Keep the path between the microphone and Transport 12 clear of any obstacles.

Be sure the batteries in the wireless microphone are not low on power.

**To adjust the wireless microphone's gain level**, remove the battery compartment cover on the wireless microphone, and use the small plastic tool inside the battery compartment to turn the **Gain** knob. Reattach the battery compartment cover when you are done.

**Note:** This setting works in conjunction with the **Wireless Mic Volume** knob and input volume setting.

**To adjust the input volume level:**

1. On the wireless receiver, press **Up** once quickly.
2. Use the **Up/Down** buttons to increase or decrease the input volume level.
3. Press **Set** to confirm the new setting.

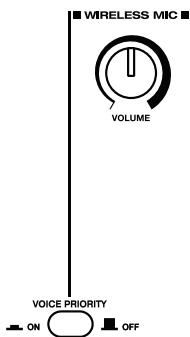
**Note:** This setting works in conjunction with the wireless microphone's **Gain** knob and the **Wireless Mic Volume** knob.

**To control the output volume**, turn the **Wireless Mic Volume** knob.

**Note:** This control works in conjunction with the wireless microphone's **Gain** knob and input volume setting.

The wireless microphone has a "voice priority" feature that you can activate or deactivate. When active, if the microphone receives an audio signal, the volume level of all other audio sources will be lowered ("ducked") so the wireless microphone signal can be heard better. When inactive, all other audio sources will remain at their set volume levels.

**To activate or deactivate the voice priority**, press **Voice Priority**. The feature is active when the button is depressed, inactive when the button is raised.



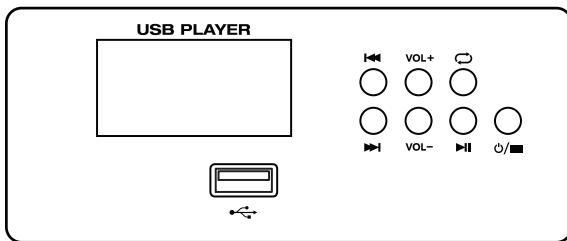
**Note:** The Mic/Line 1 Input and wireless microphone share the voice priority.

The **squelch** setting is a noise-reduction feature, minimizing background or ambient noise during silent moments. Higher settings allow for greater noise reduction and dynamic range, but a setting that's too high can cause intentionally quieter sounds to be silenced along with the noise. Be sure to experiment with different settings to find an optimal balance.

**To adjust the squelch level:**

1. On the wireless receiver, press **Up** twice quickly.
2. Use the **Up/Down** buttons to increase or decrease the squelch level.
3. Press **Set** to confirm the new setting.

## Using the USB Player



### Important:

To use the USB player, your USB drive must use a FAT32 file system. The USB player can play MP3, WAV, and WMA file formats.

The **USB port** is for file playback only, not for charging other devices.

**To activate or deactivate the USB player**, press and hold **Power/Stop** (○/■) for 3 seconds.

**To start or resume playback**, press **Play/Pause** (▶■) when playback is paused or stopped.

**To pause playback**, press **Play/Pause** (▶■) during playback.

**To stop playback**, press **Power/Stop** (○/■) during playback.

**To control the volume**, use the **Vol -/+** buttons as well as the **USB/Aux Volume** knob.

**To move to the previous or next track**, use the **Previous/Next** (◀◀/▶▶) buttons.

**To select a playback mode**, press **Repeat** (○) to cycle through the available options: **Repeat 1** (the current track will repeat), **Repeat All** (the entire sequence of tracks will repeat), or **Off** (no tracks will repeat).



## Product Warranty

(purchases made in the U.S.A.)

### 1. What is covered and for how long?

**All Products:** inMusic Brands, Inc. ("inMusic") warrants to the original purchaser that Alto Professional ("Alto Pro") products and all other accessories are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase from an authorized Alto Pro dealer and continuing for the following period of time after that date for one (1) year. inMusic warrants factory-refurbished merchandise to be free of material and operational defects for a period of ninety (90) days from the original date of retail sale. This refurbished merchandise warranty is not transferable.

### 2. What is not covered?

This Limited Warranty is conditioned upon proper use of the product by the purchaser. This Limited Warranty does not cover: (a) damage caused by improper installation or improper connection to any peripheral; (b) damage caused by an external electrical fault; (c) damage from use of parts not manufactured or sold by Alto Pro; (d) product purchased from anyone other than an Alto Pro authorized dealer; (e) modifications to product not approved in writing by Alto Pro; (f) equipment that has the serial number removed or made illegible; (g) normal cosmetic and mechanical wear; (h) damage or loss during transit to an Authorized Alto Pro Repair Center; or (i) units that are purchased and/or located outside of the continental USA.

### 3. What are inMusic's obligations?

During the applicable warranty period, Alto Pro will repair or replace, at Alto Pro's sole option, without charge to the purchaser, any defective component part of the product. To obtain service under this Limited Warranty, purchaser must first contact Alto Pro and obtain a return authorization number ("RMA#"). Purchaser must then return the product to Alto Pro in an adequate container for shipping, accompanied by purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of the product, and the seller's name and address. To obtain an RMA# and assistance on where to return the product, contact Alto Pro customer service at 401-659-8135. Upon receipt, Alto Pro will repair or replace the defective products. Alto Pro may, at Alto Pro's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, new or comparable product. Repaired products will be warranted for a period equal to the remainder of the original Limited Warranty on the original product or for 90 days, whichever is longer. All replaced parts, components, boards, and equipment become the property of Alto Pro. If Alto Pro determines that any product is not covered by this Limited Warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of such product.

### 4. What are the limits on inMusic's liabilities?

THE WARRANTIES GIVEN IN THIS LIMITED WARRANTY, TOGETHER WITH ANY IMPLIED WARRANTIES COVERING ALTO PRO PRODUCTS, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, INMUSIC OR ALTO PRO SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES, LOSS OF PROFITS, DAMAGES TO PURCHASER'S PROPERTY, OR INJURY TO PURCHASER OR OTHERS ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE ANY ALTO PRO PRODUCT, BREACH OF WARRANTY, OR NEGLIGENCE, INCLUDING BUT NOT LIMITED TO INMUSIC'S OR ALTO PRO'S OWN NEGLIGENCE, EVEN IF INMUSIC, ALTO PRO, OR THEIR AGENTS HAVE BEEN ADVISED OF SUCH DAMAGES, OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. THIS LIMITED WARRANTY IS THE COMPLETE WARRANTY FOR ALTO PRO PRODUCTS, AND IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY OF THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

This Limited Warranty allocates risk of product failure between purchaser and Alto Pro, and Alto Pro's product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of Alto Pro are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on Alto Pro or inMusic. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by Alto Pro or inMusic and should not be relied upon.

### 5. How does state law apply to this warranty?

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO PURCHASER.

This Limited Warranty gives you specific legal rights. You may also have other rights, which vary from one jurisdiction to another.

Please record the serial number of your unit as shown on the back of the chassis as well as the name of the dealer from whom you purchased the unit. Retain this information and your original purchase receipt for your records. Go to our web site [altoprofessional.com](http://altoprofessional.com) to register your product with us.

Model: \_\_\_\_\_ Purchased From: \_\_\_\_\_

Serial Number: \_\_\_\_\_ Date of Purchase: \_\_\_\_\_



## Product Warranty

(purchases *not* made in U.S.A.)

1. inMusic Brands, Inc. ("inMusic") warrants to the original purchaser that Alto Professional ("Alto Pro") products are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase from an authorized Alto Pro dealer and continuing for the following period of time after that date for **(1) Year**.
2. This Limited Warranty is conditioned upon proper use of the product by the purchaser. This Limited Warranty does not cover: **(a)** defects or damage resulting from accident, misuse, abuse, neglect, unusual physical or electrical stress, modification of any part of the product, or cosmetic damage; **(b)** equipment that has the serial number removed or made illegible; **(c)** all plastic surfaces and other externally exposed parts that are scratched or damaged due to normal use; **(d)** defects or damage from improper testing, operation, maintenance, installation, adjustment, or service of the products.
3. During the applicable warranty period, Alto Pro will repair or replace, at Alto Pro's sole discretion, without charge to the purchaser, any defective component part of the product. Alto Pro may, at Alto Pro's sole discretion, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, new or comparable product.
4. THE WARRANTIES GIVEN IN THIS LIMITED WARRANTY, TOGETHER WITH ANY IMPLIED WARRANTIES COVERING ALTO PRO PRODUCTS, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, INMUSIC OR ALTO PRO SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES, LOSS OF PROFITS, DAMAGES TO PURCHASER'S PROPERTY, OR INJURY TO PURCHASER OR OTHERS ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE ANY ALTO PRO PRODUCT, BREACH OF WARRANTY, OR NEGLIGENCE, INCLUDING BUT NOT LIMITED TO INMUSIC'S OR ALTO PRO'S OWN NEGLIGENCE, EVEN IF INMUSIC, ALTO PRO, OR ITS AGENTS HAVE BEEN ADVISED OF SUCH DAMAGES, OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. THIS LIMITED WARRANTY IS THE COMPLETE WARRANTY FOR ALTO PRO'S PRODUCTS, AND IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY OF THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

This Limited Warranty allocates risk of product failure between purchaser and Alto Pro, and Alto Pro's product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of Alto Pro are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on Alto Pro or inMusic. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by Alto Pro or inMusic and should not be relied upon. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary under local laws.

Please record the serial number of your unit as shown on the back of the chassis as well as the name of the dealer from whom you purchased the unit. Retain this information and your original purchase receipt for your records. Go to our web site [altoprofessional.com](http://altoprofessional.com) to register your product with us.

**Model:** \_\_\_\_\_ **Purchased From:** \_\_\_\_\_

**Serial Number:** \_\_\_\_\_ **Date of Purchase:** \_\_\_\_\_

## Return Information

- A Return Authorization number must be obtained from your local Alto Pro Representative. For your representative go to [altoprofessional.com](http://altoprofessional.com).
- A copy of the original sales receipt must also be included for the equipment to be repaired under warranty.
- The faulty equipment must be packed in its original packaging.
- One additional outer layer of packaging must be included to ensure product safety. Failures to do so may inadequately protect the equipment in transit and, therefore, jeopardize the customer's warranty.
- Alto Pro will not accept C.O.D. shipments and no call tags will be issued for merchandise return.
- Alto Pro will not return repaired merchandise to customers by priority service, unless by written request at the customer's cost. Requests must be submitted in writing with merchandise returned.
- The defective Alto Pro equipment should be sent, **freight prepaid** with Return Merchant Authorization number clearly printed on the outer packaging and original sales receipt enclosed to your local service center.

## Very Important

**Please read this section before connecting this unit to your system:**

For optimum performance:

- All the slide faders are subject to wear. Excessive force can wear out the fader quickly. User replaceable slide faders are not a warranted item.
- Never use spray cleaners on the slide controls. Residues cause excessive dirt build-up and this will void your warranty. In normal use slide controls can last for many years. If they malfunction (usually because of a dirty or dusty environment) consult a professional technician.
- Always make sure that AC power is OFF while making any connections.
- Use appropriate cables throughout your system. Do not use excessively long cables (i.e. over 32 feet / 10 meters). Be sure plugs and jacks are tightly mated. Loose connections can cause hum, noise or intermittents that could easily damage your speakers. Make the input and output connections with readily available low-capacitance stereo cables. Quality cable makes a big difference in audio fidelity and punch. See your Alto Pro dealer or an electronics or audio specialist store if you are not sure which cables to use.
- Never attempt to make any adjustments other than those described in this manual, or repairs. Take the unit to your dealer or to an authorized Alto Pro Service Center.
- Always remember: **turn amps on last and off first**. Begin with master faders or volume controls on minimum and the amplifier gain/input control(s) down. Wait 8 to 10 seconds before turning up the volume. This prevents transients which may cause severe speaker damage.
- Use restraint when operating controls. Try to move them slowly. Rapid adjustments could damage equipment due to amplifier clipping.
- Avoid amplifier "clipping" at all costs: this occurs when the red LEDs (usually on the front panel of most professional power amplifiers) start flashing. "Clipping" is when the power amplifier is distorting and working beyond its limits. Amplifier distortion is the **main** cause of speaker failure.
- To prevent fire or shock hazard, do not expose the unit to rain or moisture. Never place cans of beer, soda, glasses of water or anything wet near or on top of the unit!
- Headphone outputs can be set to levels which can cause damage to your ears. Use caution.
- This unit may contain a microcomputer for signal processing and control functions. In very rare situations, severe interference, noise from an external source, or static electricity may cause it to lockup. In the unlikely event that this should happen, turn off the unit, wait at least five seconds, and then turn it back on again.
- Under rare circumstances, if this product is exposed to electromagnetic interference during use, there may be a slight drop in signal-to-noise ratio.
- Intended electromagnetic environments: residential, commercial, light industrial, urban outdoors.

## 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 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 is 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 attachment/accessories specified by the manufacturer.
12. Use only the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus (if applicable). 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. Power Sources: This product should be connected to a power supply only of the type described in these operating instructions, or as marked on the unit.
16. Internal/External Voltage Selectors (if applicable): Internal or external voltage selector switches, if any, should only be reset and re-equipped with a proper plug for alternative voltage by a qualified service technician. Do not attempt to alter this yourself.
17. Water and Moisture: This product should be kept away from direct contact with liquids. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
18. **Caution** (if applicable): Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Batteries (a battery pack or an installed battery) shall not be exposed to excessive heat such as sunshine, fire, etc.
19. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. Protective earthing terminal (if applicable): The apparatus should be connected to a mains socket outlet with a protective earthing connection.
  - Denmark (Danmark): Apparats stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikpropens jord.
  - Finland (Suomi): Laite on liittettävä suojaamaodotuskoskettimilla varustettuun pistorasiaan.
  - Norway (Norge): Apparatet må tilkoples jordet stikkontakt.
  - Sweden (Sverige): Apparaten skall anslutas till jordat uttag.
21. If applicable: This symbol means the equipment is a Class II or double-insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
22. **Warning** (if applicable): Provide an earthing connection before the mains plug is connected to the mains. When disconnecting the earthing connection, be sure to disconnect it after pulling the mains plug out from the mains.
23. Do not install this equipment in a confined or "boxed-in" space such as a bookcase or similar unit, and maintain good ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains, etc.
24. This apparatus is for professional use only.
25. When moving or not using the appliance, secure the power cord (e.g., wrap it with a cable tie). Be careful not to damage the power cord. Before using it again, make sure the power cord has not been damaged. If the power cord has been damaged at all, bring the unit and cord to a qualified service technician for repair or replacement as specified by the manufacturer.
26. **Warning:** Excessive sound pressure (high volumes) from headphones can cause hearing loss.
27. **Warning:** Please refer to any important information (e.g., electrical, safety, etc.) printed on the exterior bottom enclosure or rear panel before installing or operating the product.



## Service Instructions

- Disconnect power cord before servicing.
- Replace critical components  only with factory parts or recommended equivalents.
- For AC line powered units: Before returning repaired unit to user, use an ohmmeter to measure from both AC plug blades to all exposed metal parts. The resistance should be more than 2,000,000 ohms.

## Safety Notices

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE ANY COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.



**CAUTION**  
Risk of electric shock.  
Do not open.



**DANGEROUS VOLTAGE:** The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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**INSTRUCTIONS:** The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this appliance.

**WARNING:** To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture. Electrical equipment should NEVER be kept or stored in damp environments.



**CAUTION (for U.S.A. & CANADIAN models only):** TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

**NOTICE CONCERNING LASER PRODUCTS: DANGER:** INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM. USE OF CONTROLS OR ADJUSTMENTS OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

**NOTICE CONCERNING FCC REGULATIONS:** You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (a) reorient or relocate the receiving antenna; (b) move this unit; (c) increase the separation between the equipment and receiver; (d) connect the equipment into an outlet on a circuit different from that to which the receiver is connected; (e) be sure that all cables are properly shielded, using a choke or ferrite where appropriate; or (f) consult the dealer or an experienced radio/television technician for help.



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC RF Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**For Canadian models:**

- This device complies with Industry Canada licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
- This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.
- This unit does not exceed the Class B limits for radio noise emission from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.



**ESD/EFT Warning:** This unit may contain a microcomputer for signal processing and control functions. In very rare situations, severe interference, noise from an external source, or static electricity may cause it to lock up. In the unlikely event that this should happen, turn off the unit, wait at least five seconds, and then turn it back on again. The pins of connectors identified with this ESD warning symbol should not be touched.

In an environment with radio frequency interference, the unit may malfunction and resume normal operation after removal of the interference.

For best audio quality, avoid using this device in a high RF-radiated environment.

For 240-volt use in U.K., use NEMA-style 240-volt plug. For other countries use proper plug for local outlet.

**Double-Insulated:** When servicing use only identical replacement parts.



**Correct Disposal of This Product:** This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

**Disposing of General Purpose & Alkaline Batteries:**

- Alkaline batteries can be safely disposed of with normal household waste. Never dispose of batteries in fire because they could explode.
- Alkaline batteries are composed primarily of common metals—steel, zinc, and manganese—and do not pose a health or environmental risk during normal use or disposal.
- It is important not to dispose of large amounts of alkaline batteries in a group. Used batteries are often not completely "dead." Grouping used batteries together can bring these "live" batteries into contact with one another, creating safety risks.
- Proven cost-effective and environmentally safe recycling processes are not yet universally available for alkaline batteries. Some communities offer recycling or collection of alkaline batteries. Contact your local government for disposal practices in your area.

**California Proposition 65 Warning: Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)