

TASCAM

TM-150SG

OWNER'S MANUAL

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
- The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

- Warning: Potentially hazardous situations such as fire and electric shock which, if not avoided, can result in death or serious injury.**
- If errors occur during use, discontinue use immediately and contact your local dealer or our service department.
 - Do not dismantle or modify the product. Failure to follow this instruction may cause the product to malfunction, catch fire, generate excessive heat,cause damage to the product or other problems. TEAC is not responsible for any damage to the product caused by unauthorized modification.

- Caution: Hazardous situations which, if not avoided, will or can result in minor or moderate injury or serious damage to the product.**
- Always set the phantom power switch to OFF before connecting or disconnecting a cable with the TM-150SG (condenser mic). Failure to do so could damage the equipment.
 - Before turning the phantom power ON, set the mic input gain and volume to zero.

CAUTIONS ABOUT BATTERIES

This product uses batteries. Misuse of batteries could cause a leak, rupture or other trouble. Always abide by the following precautions when using batteries.

- Never recharge non-rechargeable batteries. The batteries could rupture or leak, causing fire or injury.
- When installing batteries, pay attention to the polarity indications (plus/minus (⊕/⊖) orientation), and install them correctly in the battery compartment as indicated. Putting them in backward could make the batteries rupture or leak, causing fire, injury or stains around them.
- When you store or dispose batteries, isolate their terminals with insulation tape or something like that to prevent them from contacting other batteries or metallic objects.
- When throwing used batteries away, follow the disposal instructions indicated on the batteries and the local disposal laws.
- Do not use batteries other than those specified. Do not mix and use new and old batteries or different types of batteries together. The batteries could rupture or leak, causing fire, injury or stains around them.
- Do not carry or store batteries together with small metal objects. The batteries could short, causing leak, rupture or other trouble.
- Do not heat or disassemble batteries. Do not put them in fire or water. Batteries could rupture or leak, causing fire, injury or stains around them.
- If the battery fluid leaks, wipe away any fluid on the battery case before inserting new batteries. If the battery fluid gets in an eye, it could cause loss of eyesight. If fluid does enter an eye, wash it out thoroughly with clean water without rubbing the eye and then consult a doctor immediately. If the fluid gets on a person's body or clothing, it could cause skin injuries or burns. If this should happen, wash it off with clean water and then consult a doctor immediately.
- The unit power should be off when you install and replace batteries.
- Remove the batteries if you do not plan to use the unit for a long time. Batteries could rupture or leak, causing fire, injury or stains around them. If the battery fluid leaks, wipe away any fluid on the battery compartment before inserting new batteries.
- Do not disassemble a battery. The acid inside the battery could harm skin or clothing.

WARRANTY / 保証書

In the United States

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. This warranty is only valid within the country the unit was originally purchased.

WHAT IS AND IS NOT COVERED

Except as specified below, this warranty covers all defects in materials and workmanship in this product. The following are not covered by the warranty:

- Damage to or deterioration of the external cabinet.**
- Damages resulting from accident, misuse, abuse or neglect.**
- Damage resulting from failure to perform basic daily maintenance and/or calibration or otherwise resulting from failure to follow instructions contained in your owner's manual.**
- Damage occurring during shipment of the product. (Claims must be presented to the carrier)**
- Damage resulting from repair or attempted repair by anyone other than Gibson service station.**
- Damage resulting from causes other than product defects, including lack of technical skill, competence, or experience of the user.**
- Damage to any unit which has been altered or on which the serial number has been defaced, modified or is missing.**

WHO IS COVERED UNDER THE WARRANTY

This warranty may be enforced only by the original purchaser. This warranty is not valid if the product was purchased through an unauthorized dealer.

LENGTH OF WARRANTY

All parts except heads and disk drives are warranted for one (1) year from the date of original purchase. Heads and disk drives are warranted to ninety (90) days from date of original purchase. Labor is warranted for ninety (90) days from date of original purchase.

WHAT WE WILL PAY FOR

We will pay all labor and material expenses for items covered by the warranty. Payment of shipping charges is discussed in the next section of this warranty.

HOW YOU CAN GET WARRANTY SERVICE

Your unit must be serviced by an authorized Gibson service station in the United States. (This warranty is not enforceable outside the U.S.) If you are unable to locate an authorized Gibson service station in your area, please contact us. We either will refer you to an authorized service station or instruct you to return the unit to the factory. Whenever warranty service is required, you must present a copy of the original dated sales receipt from an Authorized Gibson Dealer.

You must pay any shipping charges if it is necessary to ship the product to service. However, if the necessary repairs are covered by the warranty, we will pay return surface shipping charges to any destination within the United States.

LIMITATION OF IMPLIED WARRANTIES

Any implied warranties, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, are limited in duration to the length of this warranty.

EXCLUSION OF DAMAGES

Gibson's liability for any defective product is limited to repair or replacement of the product, at Gibson's option. Gibson shall not be liable for:

- Damages based upon inconvenience, loss of use of the product, loss of time interrupted operation or commercial loss; or**
 - Any other damages, whether incidental, consequential or otherwise.**
- Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

To locate an Authorized Service Center in Your Area
CALL 1-800-444-2766

Other cautions

- Do not install in the following types of places. Doing so could cause malfunctions.
 - Places with significant vibrations or that are otherwise unstable
 - Near windows or other places exposed to direct sunlight
 - Near heaters or other extremely hot places
 - Extremely cold places
 - Places with bad ventilation or high humidity
 - Very dusty locations
- Avoid installing this unit on top of any heat-generating electrical device such as a power amplifier.
- Do not let the unit become wet.
- If the unit is moved from a cold to a warm place, or used after a sudden temperature change, there is a danger of condensation; vapor in the air could condense on the internal mechanism, making correct operation impossible. To prevent this, or if this occurs, let the unit sit for one or two hours at the new room temperature before using.
- If you are experiencing problems with this product, contact TEAC for a service referral. Do not use the product until it has been repaired.

■ For European Customers

Disposal of electrical and electronic equipment

- (a) All electrical and electronic equipment should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- (b) By disposing of electrical and electronic equipment correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste electrical and electronic equipment can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- (d) The Waste Electrical and Electronic Equipment (WEEE) symbol, which shows a wheeled bin that has been crossed out, indicates that electrical and electronic equipment must be collected and disposed of separately from household waste.
- (e) Return and collection systems are available to end users. For more detailed information about the disposal of old electrical and electronic equipment, please contact your city office, waste disposal service or the shop where you purchased the equipment.

Disposal of batteries and/or accumulators

- (a) Waste batteries and/or accumulators should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- (b) By disposing of waste batteries and/or accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste batteries and/or accumulators can have serious effects on the environment and human health as a result of the presence of hazardous substances in batteries and/or accumulators.
- (d) The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste. If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will be indicated beneath the crossed out wheeled dust bin symbol.
- (e) The return and collection systems are available to the end users. For more detailed information about disposal of waste batteries and/or accumulators, please contact your city office, waste disposal service or the shop where you purchased them.

<p>This product complies with the European Directives request and the other Commission Regulations.</p>	
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Included items

This product includes the following components. Open the package carefully to prevent damage to the main unit. Keep the box and other packing materials for transport in the future. If any of the included parts are missing or appear to have been damaged during shipping, please contact TASCAM.

- TM-150SG.....x 1
- Shoe-mount Mic Clip.....x 1
- Thread Adapter (3/8" Female to 5/8" Male).....x 1
- Storage Bag.....x 1
- Windscreen.....x 1
- AA Battery.....x 1
- Owner's manual (this manual) including warranty.....x 1

Cleaning the unit

Use a soft dry cloth to wipe the unit clean. Do not use chemically-treated cleaning cloths, thinner, alcohol or similar substances to wipe the unit. Doing so could damage the surface or cause discoloration.

Using the TEAC Global Site

You can download this Owner's Manual and the Reference Manual necessary for this unit from the TEAC Global Site (<http://teac-global.com/>).

In the TASCAM Downloads section, select the desired language to open the Downloads website page for that language.

Product registration

Customers in the USA, please visit the following TASCAM website to register your TASCAM product online.

<http://tascam.com/>

Europe

This product is subject to the legal warranty regulations of the country of purchase. In case of a defect or a problem, please contact the dealer where you bought the product. Ce produit est sujet aux réglementations concernant la garantie légale dans le pays d'achat. En cas de défaut ou de problème, veuillez contacter le revendeur chez qui vous avez acheté le produit.

Dieses Gerät unterliegt den gesetzlichen Gewährleistungsbestimmungen des Landes, in dem es erworben wurde. Bitte wenden Sie sich im Gewährleistungsfall an den Händler, bei dem sie das Gerät erworben haben.

Questo apparecchio è conforme alle norme sulla garanzia vigenti nel rispettivo Paese in cui esso è stato acquistato. Si prega di rivolgersi al proprio commerciante, presso il quale è stato acquistato l'apparecchio, nel caso in cui si voglia richiedere una prestazione in garanzia. Las condiciones de garantía de este aparato están sujetas a las disposiciones legales sobre garantía del país en el que ha sido adquirido. En caso de garantía, debe dirigirse al establecimiento donde adquirió el aparato.

日本

無料修理規定（持ち込み修理）

- 取扱説明書、本体貼付ラベルなどの注意書きに従った正常な使用状態で保証期間内に故障が発生した場合には、ティアック修理センターが無料修理致します。
- 本体の保証期間は、お買い上げの日から1年です。
- 保証期間内に故障して無料修理を受けの場合は、本書をご提示の上、ティアック修理センターまたはお買い上げの販売店に修理をご依頼ください。商品を送付していただく場合の送付方法については、事前ティアック修理センターにお問い合わせください。無償修理の対象は、お客様が日本国内において購入された日本国内向け当社製品に限定されます。
- ご転居、ご贈答品などでお買い上げの販売店に修理をご依頼しなれない場合は、ティアック修理センターにご連絡ください。

- 次の場合には、保証期間内でも有料修理となります。
 - ご使用上の誤りおよび不当な修理や改造による故障および損傷
 - お買い上げ後の輸送・移動・落下などによる故障および損傷
 - 火災、地震、水害、落雷、その他の天災地変、公害や異常電圧による故障および損傷
 - 接続している他の機器に起因する故障および損傷
 - 業務上の長時間使用など、特に苛酷な条件下において使用された場合の故障および損傷
 - メンテナンス
 - 本書の提示がない場合
 - 本書にお買い上げ年月日、お客様名、販売店名（印）の記入のない場合、あるいは字句を書き換えられた場合
- 本書は日本国内においてのみ有効です。 This warranty is valid only in Japan.
- 本書は再発行致しませんので、紛失しないよう大切に保管してください。
- この保証書は、本書に明示した期間・条件のもとにおいて無料修理をお約束するものです。この保証書を発行しているもの（保証責任者）、およびそれ以外の事業者に対するお客様の法律上の権利を制限するものではありません。保証期間経過後の修理などについてご不明の場合は、ティアック修理センターにお問い合わせください。
- 保証期間経過後の修理、補修用性能部品の保有期間についての詳細は、取扱説明書をご覧ください。

In other countries/areas

This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province. If you have a warranty claim or request, please contact the dealer where you bought the product.

该保证书赋予了顾客特定的合法权利，并且因国家、州或省等地域的不同，顾客可能拥有其他权利。如需申请或要求保修，请与购买本产品的销售店进行联系。

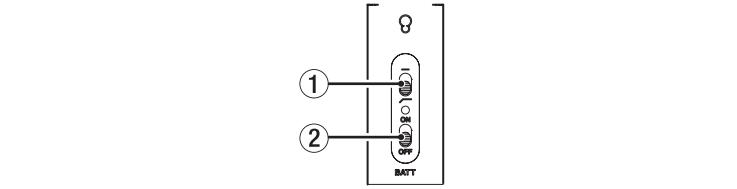
If you require repair services for your TASCAM equipment, please contact the dealer where the product was purchased from or the TASCAM Distributor in your country. A list of TASCAM Distributors can be found on our website at :<http://teac-global.com/>

Functions and how to use them

When using this mic, connect it to a mixer, audio interface or other device, and supply phantom power to the mic from that device.

If you do not have a device that can supply phantom power, use AA batteries to operate the mic.

Set switches ① and ② according to the mic use conditions



- When operating with phantom power: The mic will operate regardless of the switch ② **ON/OFF** setting (LED lights green).
- When operating on batteries: The mic will not operate when switch ② is set to **OFF** (LED will not light). It will operate when switch ② is **ON** (LED will light red and then become unlit). Set switch ① to **—** to input the original sound as is. Sets switch ① to **—** to reduce low-frequency noise caused by air conditioning and projectors, for example.
- Low-cut filter:

NOTE

- Do not place the mic near a speaker or point it at a speaker. Doing this might result in sudden loud noises caused by feedback. This could harm your hearing or lead to other trouble.

■ Using the mic with phantom power

- Turn the phantom power switch off on the connected equipment.
- Minimize the volume of the connected device and use a cable to connect it and the XLR connector on this mic.
- Turn the phantom power switch on on the connected equipment. Adjust the volume of the connected device as necessary.

CAUTION

- Do not connect or disconnect mics while phantom power is on. Doing so could cause a loud noise and might damage this unit and connected equipment.

■ Using the mic with AA size batteries

- Set switch ② on the mic to **OFF**.
- Hold the top of the mic, and turn the bottom of the mic to the left until it can be removed.
- Slide the bottom down to open the battery compartment.
- Insert one AA battery into the battery compartment, aligning it with the ⊕ and ⊖ inside the compartment. (The top should be toward ⊕.)
- Slide the lower part up and turn it right until it will turn no more to close the battery compartment.
- Minimize the volume of the connected device and use a cable to connect it and the XLR connector on this mic. If the connected device has a phantom power supply function, turn its phantom power switch off before connecting this mic to it.
- Set switch ② on the mic to **ON**. Adjust the volume of the connected device as necessary.

NOTE

- Phantom power will be supplied to the mic when switch ② is set to **ON** and the Phantom power switch on the connected device is also on.

■ When to change the battery

If the switch ② LED stays lit red, replace the AA battery.

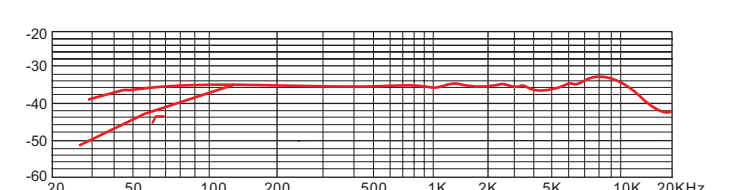
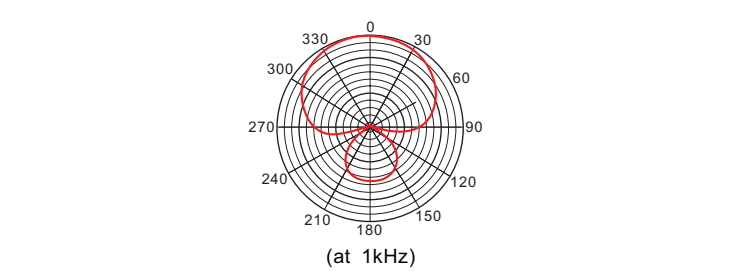
If you continue using the mic when the LED is lit red, noise could occur because of the insufficient battery charge.

NOTE

- If the battery has enough charge, when the switch ② is turned ON, the LED will light red for about 1 second and then become unlit.

Specifications

Element: Back Electret Condenser
Polar pattern: Line and gradient
Frequency response: 50 Hz to 18 kHz
Sensitivity: -41 dB +/- 3 dB (0 dB = 1V/Pa at 1kHz)
Load impedance: 500 ohm
Output impedance: 1k ohm +/- 30%
Output connector: 3pin XLR male
S/N ratio: 70dB
SPL: 124dB (at 1kHz = 1% THD)
Power: 48V +/- 4V DC (P48, IEC61938),phantom or battery
Electric current: 3 mA
Weight: 135 g (not including batteries)
Dimensions: 20 mm (dia.) × 260 mm (L)



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