



TIC Outdoor Receiver Amplifiers

Indoor – Outdoor Receiver Amplifier AMP10

- **TIC Outdoor Receiver Amplifiers = Weatherproof Design**
- Perfect for outdoor speaker listening without interfering with interior audio systems
- Can power up to 4x outdoor speakers!
- “Safe” 12v transformers power supply included
- Inputs include CD’s, MP3’s, IPods, TV’s, DVR’s, AV equipment and many more
- AM/FM Radio listening w/ pre-sets
- 2x microphone inputs for PA or Karaoke!
- LCD menu
- ABS Impact resistant cabinetry
- Black / Silver finish
- **Outdoor / Indoor Bookshelf, Patio, Deck, Marine, Boat, Car, Backyard listen to all your music sources, always easy to use and enjoy!**

TIC Outdoor Receiver Amplifier Owners Guide



Important Safety & Regulatory Information

Important Safety Instructions

- * Keep, read & follow all instructions taking note of all safety instructions or warnings enclosed.
- * Do not open this device for any reason. There are no serviceable parts inside this unit. Refer servicing to qualified TIC personnel only.
- * The unit is classified Weather resistant, having a general resistance to average outside elements and is not waterproof. The unit should never be submerged or exposed to large amounts of water. Care should particularly be taken with the unit's transformer/ power supplies which are not water resistant.
- * Clean this device with a dry or slightly dampened cloth only.
- * Do not install this device near any heat sources.
- * Unplug this device when not in use or during any unusual weather conditions.
- * Protect this device(s) power supply cords or transformers from abrasions, being walked on, pinched, crushed or abraded in any way.
- * Use caution when operating any mains (110/ 120v+) transformer, power supply or mains plug(s).
- * Do not expose this device to extreme weather conditions, storms, lighting, or temperatures: below 32^oF/ 0^oC or above 122^oF/ 50^oC.
- * Do not expose this device to solvents, including cleaning solvents or garden fertilizers or other products that contain solvents or powerful chemicals.
- * The general TIC Warranty issued with this product does not cover third party equipment including any non-TIC equipment used with this product or any third party equipment used with this product.
- * **WARNING!** To avoid possible suffocation and injury please keep all plastic bags away from children or pets!

Declaration of FCC Conformity

This device is in conformance with part 15 of the FCC Rules and Regulations for Information Technology Equipment. Operation of this product 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.

TIC INC., Model (EPBU-7) AMP10 outdoor receiver amplifier.

Federal Communications Commission Part 15 Class B. RSZ06060204.

Note: If interference with another device is experienced please connect this equipment into an outlet on a circuit different from the device that is experiencing interference and/ or move this unit well away from the device suffering interference.



For Your Records

Manufacturer	TIC INC.	TIC Contact	www.ticcorp.com (800) SPX-OMNI
Model #	AMP10	Serial #
Dealer Name	Dealer Contact
Purchase Date	Invoice/ Receipt#

TIC recommends you keep your sales receipt and warranty literature together with this owners guide for safe keeping and future reference. Thank you for your purchase!






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Introduction to Your TIC Receiver Amplifier

Thank You! for your purchase of another fine TIC product. Your New TIC outdoor receiver amplifier allows you to enjoy indoor or outdoor music without interfering with any interior audio systems or equipment while using almost any music input device you can imagine. TIC wishes you to enjoy many years of musical pleasure from your convenient and easy to use TIC outdoor receiver amplifier.

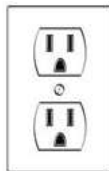
TIC Outdoor Receiver Amplifier Components

AMP10 Antenna's	1x FM & 1x AM	
AMP10 Receiver Amplifier	1x AMP10	
AMP10 transformer & power supply mains cord	1x 12v power supply	
RCA type speaker cable plugs	1x Red, 1x White	
Car 12v to 12v power adapter cable	1x 12v car lighter power adapter	
Digital cable jack plugs	1x 3.5mm to 3.5mm jack plugs	
Analog cable	3.5mm to "Y" RCA type R&W plugs	

Power Options for your TIC Receiver Amplifier

There are two options to power your TIC outdoor receiver amplifier;

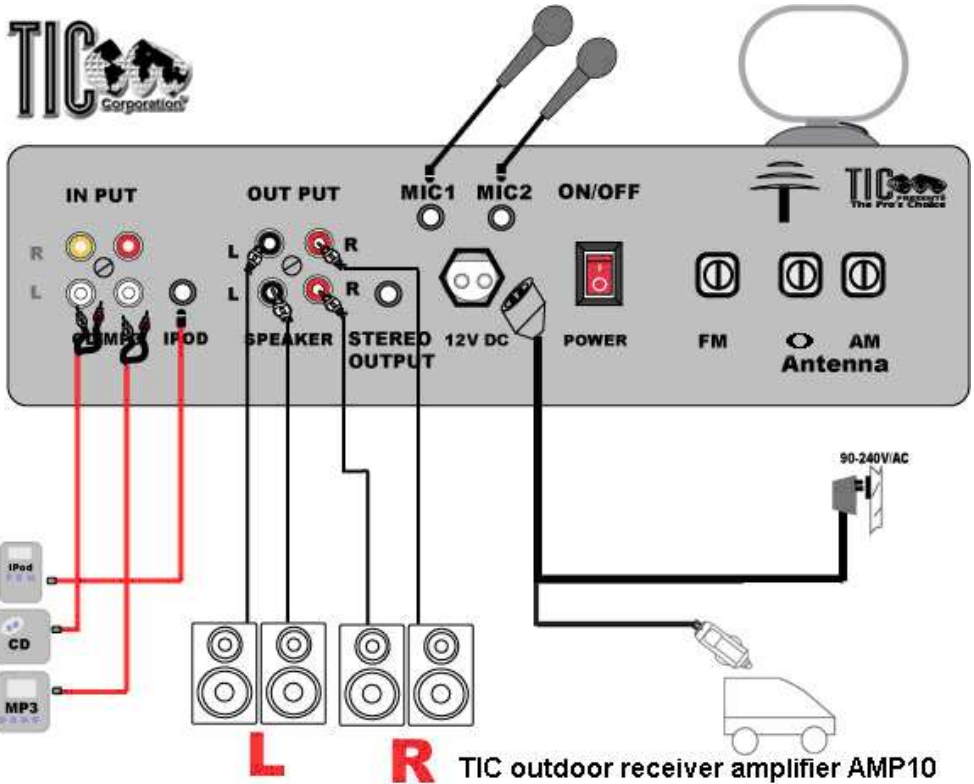
1. You may use the provided 12v AMP10 transformer to a standard 110/120v mains plug. Shown below.
2. You may also use the included 12v car/ power cable adaptor / transformer to provide power your AMP10 receiver amplifier.



An Important Note on using Power Options

Your TIC outdoor receiver amplifier AMP10 offers you the two options noted above. Care must be taken when using any mains 120v power source. !Shock or injury may occur without care using mains 120v power sources! **WARNING!** Your TIC AMP10 uses a specially designed friction/ screw lock plug to connect to your chosen power source. Be very careful to connect this plug firmly and screw down tightly to protect the AMP10 from moisture or particulate matter from interfering with power supplied to the unit.

TIC AMP10 multi-use Connectivity



L R TIC outdoor receiver amplifier AMP10

As the original designers and manufacturers of this device TIC Inc., has gone to great lengths to ensure this device is unique in being able to connect to just about any music source you may encounter for your total convenience. You are not limited to those devices shown in the illustration examples above but may use many more from TV's to just about any AV source produced.

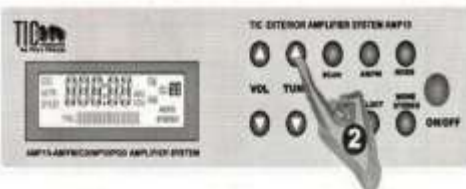
This TIC outdoor receiver amplifier is a digital PCB amplifier much like those contained in your modern flat screen TV or Computer. The exterior nature of this device prohibits the use of large copper coils or heat sources that require venting like those used in traditional amplifiers. As a weather resistant, not waterproof, device this would expose this unit's interior component(s) to moisture, particulate matter or interference resulting in poor performance or even possible damage to the receiver amplifier or connected components.

Note: beyond the simple aerials supplied with your new AMP10 for beginning use, you may wish to purchase better AM/ FM antennas for improved, longer term, radio use and improved reception overall.

Setting the Radio pre-set Stations



Auto scan: A short Press of "SCAN" to auto search for desired radio stations



When you hear your desired station, press this button once



Manual Tuning: In radio mode, press the TUNE+ or TUNE- button to search for stations



When you hear your desired station, press TUNE+ or TUNE- and stop the search.



Manual Save Station: In radio mode, to save the current station, press "PRESET" to manually save the station, the display will show "CH01"



Press the TUNE+ or TUNE- to select your station number (CH01 - CH30), press the "SELECT" button to exit "PRESET" mode



Select saved stations: In radio mode, to tune to preset stations, press "SELECT" to enter select mode, the display will show "CH01"



Press TUNE+ or TUNE- to select your station number (CH01 - CH30), press "SELECT" button to exit "PRESET" mode

Exterior Installation

Some general notes should you install your TIC receiver amplifier outdoors

1. TIC always recommends that our customers inspect all components and test their new TIC product prior to any exterior installation to ensure their familiarity with the device and that everything functions properly prior to outdoor install.
2. Note that this device is weather resistant in that it has a general resistance to normal outdoor elements and is not waterproof. Particular care should be taken with the 12v transformer/ 120v mains power source which water will damage.
Please re-read "Important Safety Instructions" contained earlier in this manual.
3. Select a reasonably level surface for the installation of your new TIC outdoor device. This will prevent movement or excessive vibration during use. This will also ensure adequate access to connection devices.
4. Do not place this device near any heat sources and be cautious of any shelf mount near built up barbeque areas etc.
5. Do not place your TIC outdoor device in a depression or area where water pools or in the direct path of garden sprinklers or too near spas, pools or anywhere from which it may receive incidental splash water.
6. Avoid any exposure of your new TIC receiver amplifier to chlorinated solvents, acids such as those often contained in fertilizers and other solvents which have the potential to eventually wear the internal components prematurely.
7. There is no requirement for customer to open this unit for any kind of operation or maintenance. Doing so will void the warranty.
8. Ensure the main, silicone covered rocker, power switch is in the "off" position when not in use; otherwise the unit may still consume power in the "stand by" mode or be subject to electrical surges down the power line.
9. Avoid any shocks, high vibration, collisions or sudden impacts to the AMP10 receiver amplifier or any of its components.
10. Test the new unit in as many Modes of operation possible to ensure a correct trouble free installation of your new receiver amplifier.

Once connected properly sit back and enjoy!



Enjoy a Quality Outdoor Music Room!

Disclaimer

TIC Corporation will in no way be held responsible for the improper or unsecured installation of this product. Any and all damage arising from the installation or use of this product is the purchaser and/ or the final installer's sole responsibility. TIC will also not be held responsible for the improper use or exposure to water of any power supply, supplied with TIC products.

Maintenance

Periodic or occasional maintenance of your TIC products in general cannot hurt and may help greatly. Inspect the installation area regularly, removing any dirt, dust or particulate matter from impeding or building up around the TIC product. The unit may be cleaned using a soft slightly damp cloth with very mild detergents like dishwashing liquid if desired. Keep away from audio inputs or output jacks. In very cold climates with moderate to heavy snowfall or rain an old trick from the major theme parks we supply worldwide is to place a plastic bag or waterproof cover over the unit for the winter season or periods it may be not in use or in unusually wet weather conditions.

Customer Service

For any additional help, please contact TIC Corporation at (800) SPX-OMNI, or on line at www.ticcorp.com , by email at info@ticcorp.com where we would be happy to assist you at any time.

Also please visit our website www.ticcorp.com/ for FAQ (frequently asked questions) about your TIC outdoor product and full contact information.

Should you desire a return material authorization number please send an email to rma@ticcorp.com and mention your problem including a copy of your original receipt and any other information you can supply.

Warranty Notes

TIC Corporation offers a full, UCC approved, one year full parts and labor warranty (see enclosure) on all its products as standard however there are other 3 and 5 year warranties in use with various TIC authorized Dealers worldwide. Please check your enclosed Warranty card or your Dealer receipt to find out which one applies to you. Also please note TIC Corporation General Terms & Conditions posted on our website at www.ticcorp.com/tic_terms.htm for further information and support.

Troubleshooting

<p>No activity from the amplifier? LCD screen not lit No power</p>	<p>Check your power connections carefully at the 120v mains, then the transformer and finally at the special friction lock/ screw lock connection to the amplifier</p> <p>After checking the power connections thoroughly, switch on the rear silicone covered rocker switch and then the front fascia "on" switch</p> <p>There is a possibility that power transformer supplied with the unit might be faulty.</p> <p>To be sure, change mains 120v plug-in used</p>
<p>My TIC receiver amplifier is powered but I can't hear anything? Screen is lit No output</p>	<p>The Output device(s) connection cables are incorrectly connected. Check and secure output connections to your speakers etc.</p> <p>The Input device(s) connections to the amplifier are incorrectly connected. Check and secure input connections from your music sources.</p> <p>Choose a suitable sound source using the "Mode" switch on your TIC receiver amplifier</p> <p>Most initial problems experienced are simple connectivity issues. Please try different cable connections or cables used to your inputs and outputs at the receiver amplifier</p> <p>Try the Radio, as its inputs are hardwired, so you can then concentrate on the output connections first ensuring they operate correctly before using other audio input sources</p>
<p>No Sound from the Radio?</p>	<p>Ensure "Mode" switch is set on Radio</p> <p>Double check and ensure you are tuned to a radio station you can receive and hear normally</p> <p>All radios are subject to the reception conditions of their antenna(s). Check and secure all aerial connections carefully</p> <p>There is a rare possibility that the simple starting aerials supplied with your TIC receiver amplifier may not be capable of receiving signals in your area</p>
<p>Speakers sound low or distorted</p>	<p>Check connections both to and from the amplifier/ Also try swapping speaker channel connections</p> <p>Outdoor speakers can suffer from "resistance down the line" sapping signal power from the amplifier.. Ensure you use a large enough speaker cable gauge to avoid this. Double insulated 14/2 to 50' or 12/2 at 50'+ speaker cables are commonly used for outdoor speakers at these lengths</p>

TIC Receiver Amplifier Technical Specifications

Accessories Included	1x AM & 1x FM Antenna 1x 3.5mm to 3.5mm digital cable 1x 3.5mm to 2x RCA type plugs 2x RCA type speaker wire connectors
Audio Inputs	Analog / digital: iPods, CD's, MP3's, receiver amplifiers, TV's, AVR's, phono's, DVD's, portable stereos, 2x Microphones
Power Supply(s)	120v AC to 12v transformer 4A 12v to 12v Car Adaptor
AM/ FM Tunable Frequency Range	AM: 522kHz – 1620kHz FM: 87.00mHz – 108.00mHz
Tunable S/N	AM: 41db FM: 75db
Continuous / Peak	PCB amplifier 2.5W / 5W
Frequency Response	40Hz – 16kHz
Sensitivity	80db ±3db @1W/ 1M
Impedance	4 - 8Ω
Audio Outputs	1x 3.5mm digital jack & 4x speakers
Finish	Black/ Silver
Cabinetry	ABS impact resistant enclosure
Unit Dimensions	8"W x 4.75"D x 2.5"H
Unit Weight	2.6 Lbs.
UPC	7 35120 50000 9

TIC Inc. engages in continual product research and development, new materials, production methods and design improvements. TIC Inc., their Agents, Representatives and Distributors therefore reserve all rights to change or improve TIC product specifications without notice.

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