Thank for purchasing a **RIGblaster Plus II**. The **Plus II** is easy to install and automatic in operation, it is compatible with virtually every radio ever made and includes over 150 Amateur Radio programs! A whole new world of operating experiences awaits you with the availability of all of these outstanding programs the **Plus II** offers.

The **Plus II** is designed to work through only a radio’s mic connector; thus, making it compatible with almost every radio ever made, and leaving your radio and PC fully functional as they were before. Use of the mic jack allows it to operate with fully automatic switching between the mic and PC, as well as supporting all modes, all software and all of your radio’s bands. This is a distinct advantage in not being limited by the design of a radio’s data or aux jack.

The **Plus II** uses your PC’s sound card system, and does not disable it, like external audio devices. This makes it possible to use all sound card programs without having to worry about re-configuring your PC’s audio. Just plug in two audio cables and everything works correctly without conflicts or loss of your PC’s normal audio functionality.

The **Plus II** is several interfaces in one. The USB (Universal Serial Bus) interface provides PTT control, CW or FSK keying and CAT/CI-V rig control. The rest of the circuit provides isolated and conditioned transmit audio.

All Amateur Radio sound card or rig control programs require a standard serial RS232 interface, and will not work directly with USB. Newer PCs typically ship without a RS232 serial port. For this reason, the **RIGblaster Plus II** has a built in USB-to-serial converter providing PTT, rig control, and CW or FSK keying via the built-in virtual serial port.

Up until now your ham station system more than likely consisted of only a radio and an antenna; perhaps also an amplifier. Your new system will also include a PC with wires going to an AC outlet and possibly the Internet. VERY IMPORTANT: this “system” must be properly connected and operating at the same ground potential. The **RIGblaster Plus II** has more than adequate ground isolation for proper operation of the audio and switching. However, it was not designed to work in a system with a voltage potential caused by a ground loop between two grounds, nor is it designed to have millions of volts jumping through it from nearby lightning strikes.
You must be certain there is only one physical ground on your station, as you will now have a radio and a PC. Before you hook up the RIGblaster Plus II, disconnect any wires that may be between your radio and your PC, but leave the power cords plugged in. Put an AC voltmeter between the chassis on your radio and your PC. If you read more than a fraction of a volt of AC, you have a ground problem! Try this: take a piece of wire and touch it to the metal PC case and your radio ground terminal, watch and listen for a spark. You could have 120 VAC of leakage between the house ground and your station ground — be careful that you do not get a shock.

To eliminate AC ground loops simply plug your radio and PC into the same AC outlet using the same AC ground point. Consider connecting your station ground directly to the AC outlet used by your equipment making your ground at a common single point. A typical commercial installation would have a buried 00 gauge wire around the perimeter of the building with all external wires grounded where they come in, and, the equipment would only have one ground connection to a common point on the perimeter ground. After doing this simple ground check follow these instructions step-by-step to make your first computerized contact.

Contents of Package

1-RIGblaster Plus II

(NOTE: COVER IS LOOSE SO YOU MAY EASILY REMOVE IT TO INSTALL JUMPERS)

1- Accessory Zip Lock bag.

   Contents:
   4 - Black cover screws #6 sheet metal
   8 - Single pin jumper wires
   4 - Adhesive pads

1- Pack of Instant Setup Connectors
1 - Microphone Cable (RJ45 to 8 pin screw on)
2 - 1/8” stereo mini plug cables
1 - USB Cable
1 - RIGblaster & RIGtalk DVD
1 - Owner’s manual
TABLE OF CONTENTS

DIAGRAM:
Connections, controls, and indicators  Page 1

SOUND CARD OPERATION, INSTALLATION AND SETUP
Step 1: Install PSK31 Software: Connect Receive Audio and...  Page 4
Step 2: Windows® Plug and Play USB Installation  Page 4
Step 3: Install Your Microphone and Test Its Operation on the Air  Page 5
Step 4: Software PTT Setup  Page 6
Step 5: Check that Your Software Will Generate Transmit Audio Tones  Page 7
Step 6: Set the Transmit Audio to Your Radio  Page 7
Step 7: Have Fun Working DX  Page 8

CW OPERATION, INSTALLATION AND SETUP
Step 1a: Connect CW Keying Cable  Page 8
Step 2a: Configure the PC and Radio for CW Operation  Page 8
Step 3a: Have Fun Working DX  Page 9

RTTY FSK OPERATION, INSTALLATION AND SETUP
Step 1b: Connect FSK Keying Cable  Page 9
Step 2b: Configure the PC and Radio for RTTY FSK Operation  Page 10
Step 3b: Have Fun Working DX  Page 10

RIG CONTROL CAT/CIV, INSTALLATION AND SETUP
Step 1c: Connecting a CAT or CIV Interface  Page 10
Step 2c: Setting Up the Radio for Rig Control  Page 11
Step 3c: Setting Up Rig Control Software for Rig Control  Page 12

TROUBLESHOOTING  Page 13

WARRANTY  Page 15

Owner’s Manual
RIGblaster Plus II connections, controls, and indicators

- Headphone output (Monitors computer audio; or for DSP processing)
- Transmit audio level (Use in conjunction with computer volume level)
- USB power LED (Lights when USB is properly connected)
- CW keying LED (Also FSK keying)
- PTT LED (Lights when software activates transmit)
- VOX/Auto switch (VOX position connects computer audio for transmit using the radio’s VOX circuit)
- PTT in/out RCA connector (used with footswitch or other PTT switch or connection)
- Microphone output for 8 pin round mic: used with cable (Mic input with RJ45 connector radio)
- CAT/CI_V rig control (Connects to radio with accessory cable)
- Audio Line input (Transmit audio from computer)
- Computer speaker audio output (re-connects computer speaker if needed)
- CW/FSK keying output (Connects to radio keying input)
SOUND CARD OPERATION, INSTALLATION AND SETUP  
(READ CAREFULLY and PROCEED IN ORDER)

These instructions explain how to use and setup only the RIGblaster Plus II. Refer to the manual for your radio, the help files for your PC and third party ham radio software for the other necessary information.

Step 1: Install PSK31 Software — Connect Receive Audio and Start Receiving

The RIGblaster is not needed to receive, only transmit, and is recommended to remain in its enclosure. Please insert the DVD shipped with this product into your DVD drive. The install menu will automatically open. Click the “Software Collection” XMIT button. Next click the XMIT button for PSK31, and finally click XMIT for WinPSK. This is an easy and simple PSK31 program to get started with.

NOTE: Only an advanced user should install another program or mode. We recommend not starting with Ham Radio Deluxe! HRD is a rig control program that will disable the companion sound card program, Digital Master 780, from working correctly with any standard sound card interface.

Use one of the supplied 1/8” stereo mini plug audio cables to connect your radio’s speaker output to your PC’s line-in input (usually blue.) Your PC’s microphone input can be used if you have a laptop without line-in input, but line-in input is preferred. If you have purchased a fixed-level audio cable made for your model radio from West Mountain Radio, follow the instructions packaged with the cable.

NOTE: With the appropriate cable you may use any audio output on any radio (speaker, headphone, record, phone patch or data audio out) and either of a PC’s audio inputs (line or mic.). The most convenient connection from the radio is a fixed level audio connection. The line-in input on a PC is preferred but a microphone input will work as it can be set correctly from most sound card virtual control panels. Consider your preferences for operating your radio and computer to best decide which connection to use.

WARNING: As explained in the preface of this manual be certain your desktop PC is powered and grounded to the same AC outlet and house wiring circuit (on the same circuit breaker) as the rest of your ham station! This is safer and better for many reasons that are both related and unrelated to the RIGblaster installation.
Now tune in some PSK31 signals on: 14.07015, upper side band. You may use any band but 20 meters always has signals without a good antenna. If you are an advanced user and are trying another mode, tune to a frequency appropriate for that mode. There is a digital mode frequency chart on our DVD for your convenience.

Open your Windows virtual control panel for your sound card input recording controls. Select and enable whichever input you are using, mic or line-in. Slide the slider up until you see the receive signals on the software’s waterfall display.

**NOTE:** On most PCs you cannot set the input level to any Amateur Radio sound card program with the playback volume control sliders; you must use the recording control input sliders. Set the level as described in the Help files and instructions supplied with the program you are using. Many ham programs have a utility to directly access the recording controls, but most of the programs were written before Windows Vista or 7, so those features may not work. Since these are third-party software tools, the instructions are limited to setting up a RIGblaster Plus II. Additional instructions for each software program can usually be found in the software’s Help file.

**TIP:** Browse the supplied DVD and select “Operating Information”. Listen to the sound of PSK31 from the recorded sounds. Use the frequency table for frequencies to operate on the various modes.

If you have a problem with receiving, install another similar PSK31 program to try. If another program works, there was a problem with only the first program, and now everything is properly connected and ready. If several programs do not work, then double check your sound card virtual settings and your audio connections.

**TIP:** For more information on using and operating a sound card in a ham station read K1UHF’s “The In’s and Out’s of a Sound Card” in the October 2003 QST: [http://www.westmountainradio.com/pdf/Ins& Outs.pdf](http://www.westmountainradio.com/pdf/Ins& Outs.pdf)

Continue to the next step only after you have confirmed that you can receive signals and can hear transmit tones generated.
Step 2: Windows® Plug and Play USB Installation

Plug the supplied USB cable between the RIGblaster’s USB port and the USB port on the PC that you plan to use regularly.

The Windows® Plug & Play wizard will automatically run from the DVD to install the software. It is recommended to allow it to search the Internet for the best driver files. The software has Microsoft® Logo Certified drivers and the wizard should find these files the Microsoft® driver update server if connected to the internet. You can also find the drivers on the RIGblaster/RIGtalk supplied DVD.

After complete installation of the drivers, the green “USB” LED on the RIGblaster Plus II will be illuminated, and you may also see the PTT and CW LEDs flash upon connection. Another indication that the driver installation is complete when the Windows® balloon “Your Hardware is Ready to Use” appears at the bottom right of the screen.

CAUTION: If you stop, cancel or abort the installation at any point, for any reason, you may experience difficulty installing the drivers correctly in the future. If the automatic installation does not work, contact Microsoft® or the PC manufacturer that supports your Windows® operating system.

TIP: To confirm that the driver installation has properly completed, check that the green RIGblaster Plus II USB LED is lit. The LED will only light if you have correctly installed the drivers. You can also check the Windows® device manager for a list of all PC hardware. To do this, right click “Computer” or “My Computer” and then left click “Properties”. Click the “Hardware” tab then the “Device manager” button. Scroll down and click the “+” symbol next to “Ports (COM and LPT)”. “RIGblaster Plug & Play” should be assigned a COM port number in this list.

TIP: While you are looking at “Ports (COM and LPT)” note which COM port number was assigned to your RIGblaster by Windows®. You will need to know this COM port number later when setting up your ham radio software.

Continue to the next step only if the driver installation has properly completed.
Step 3: Install Your Microphone and Test Its Operation on the Air

The unique feature of the RIGblaster Plus II is that out of the box it will work with over 2000 different radios. Because different brands of radios use the same microphone connectors, however, each requires a different wiring. A simple and elegant solution integrated in the unit is microphone wiring jumper blocks to allow for universally matching the different wiring schemes. A set of Instant Setup Connectors (ISCs) are included to get the wiring right without ever looking at a diagram.

There are six ISCs supplied: three “Round Metal” and three “RJ45 Modular” for Icom, Yaesu or Kenwood. You will also notice JRC on the Yaesu ROUND METAL and Alinco, SGC and Elecraft on the Kenwood round metal ISCs.

Out of the six different ISCs, pick the one that matches your radio make, and also the type or style of connector: “Round Metal” or “RJ45 Modular. Holding the correct ISC in hand, orient the “front” arrow pointing towards the front of the RIGblaster Plus II and plug it into the “P1” microphone jumper block (being careful to line up the two rows of pins with the left edge of pins, see pictures below). Note that the two right pins are unused on a RIGblaster Plus II.

Keep the extra ISCs for future use if you get a new radio.

Connect your microphone to the 8 pin round metal connector on front or the RJ45 to the back. Connect the supplied microphone cable to the unoccupied connector and the other end to your radio.
NOTE: RJ45 square Modular mic connector radios are used by plugging the radio’s mic into the back of the RIGblaster Plus II, screw in the supplied mic cable onto the front of the RIGblaster, and the RJ45 Modular end into the radio.

NOTE: Unusual or old radios may not be included in the assortment of ISC’s supplied. They may be able to be hooked up with individual jumpers. Check our support page for individual wire jumper diagrams for one of these radios. If you have an accessory adaptor cable for another style microphone connector follow the instructions supplied with that cable.

It is now time to operate your radio with the mic connected through the RIGblaster Plus II. Check that the PTT button on the mic activates PTT on the radio and make certain to get an on the air report, do not only look at the power meter.

Continue to the next step only if your microphone works exactly the way it did before, including on the air reports.

Step 4: Software PTT Setup

If you have not previously done so, right click “Computer” in “Start” (for Vista/7) or “My Computer” icon on your desktop and then left click “Properties”. Click the “Hardware” tab, then the “Device manager” button. This shows a list of all PC hardware. Scroll down and click the “+” next to “Ports (COM and LPT)”. Check which COM port number was assigned to your RIGblaster Plus II. Remember this number for future use when setting up every ham radio sound card or rig control program.

Regardless of the program you are using, you must setup and configure the program for PTT operation by instructing which COM port number that Windows® assigned to the RIGblaster Plus II.

If the program gives you a choice of using RTS or DTR for PTT, select RTS. DTR is normally used for CW keying, but may also be used for RTTY FSK keying (see CW/FSK setup later in this manual).

Tune your radio with it connected to a dummy load and test the PSK program’s PTT control by activating transmit from the program. Your radio should indicate PTT (transmit) activation. The radio may or may not indicate power output depending on how the sound card is set (see the next section).

Continue to the next step only after you have confirmed that you have PTT activation on both the RIGblaster and the radio.
Step 5: Check That Your Software Will Generate Transmit Audio Tones

Set your PC sound card volume. In Windows 98 through XP turn the “Volume” and “Wave” sliders about ¾ of the way up; in Vista or Windows 7, turn up the “Device” and “Application” sliders. Your radio should be off or into a dummy load. Activate transmit on your PSK program with the program’s virtual transmit button or control. You should hear transmit audio sound (tones) coming from the PC speakers or headphones that are connected to the RIGblaster’s “Computer” “SPKR OUT”. If it is too loud through the speakers, turn it down using volume knob on the speakers, not the sound card virtual sliders. If headphones are too loud, use the sound card sliders to turn down a bit. If headphones are too soft, they are probably not PC headphones and should not be used.

**CAUTION:** This is an important test of the PC and software operation. Weak or no transmit sound will make it impossible to transmit!

**TIP:** If you need more help on setting the PC’s sound read your Windows Help. For Windows 98 through XP read the article in the Oct 2003 QST, entitled “The In’s and Out’s of a Sound Card”.

Continue to the next step only after you have confirmed that you can hear transmit audio tones.

Step 6: Set the Transmit Audio to Your Radio

Using the sound card volume previously configured, and turn the RIGblaster Plus II “xmit level” knob all the way down (CCW). Also set your radio’s RF power adjustment (drive control) to maximum power. Activate transmit on the software you are using. You should see the radio go into transmit with no output power. Listen for the transmit tones coming from your PC speakers or headphones. Turn up the “xmit level” knob on the RIGblaster Plus II until you see power output, but set to something less than full power; based upon what you deem necessary for the desired communication and of course safe for your radio’s ratings.

**NOTE:** Driving to full power, and activating ALC, especially with the radio’s power control turned down at all will result in a wide and distorted signal that is difficult or impossible to copy. Always set the audio drive from the PC to less than full power with the radio’s power/drive control set to maximum.
NOTE: Driving to full power, and activating ALC, especially with the radio’s power control turned down at all will result in a wide and distorted signal that is difficult or impossible to copy. Always set the audio drive from the PC to less than full power with the radio’s power/drive control set to maximum.

TIP: Once you have the audio transmit power set correctly, you may adjust your PC speaker volume knob for a comfortable level. If you change the sound card virtual settings, you will have to re-adjust the xmit level knob on the RIGblaster Plus II. Never turn down the radio’s power setting and turn up the sound card.

Step 7: Have Fun Working DX

You are on the air!

CW OPERATION, INSTALLATION AND SETUP
(READ CAREFULLY and PROCEED IN ORDER)

Step 1a: Connect CW Keying Cable

CW cables are available at West Mountain Radio or you may use any shielded stereo or mono 1/8” mini phone plug to either 1/8” or 1/4” (depending on your radio’s CW jack) phone plug cable.

Connect the cable from the RIGblaster Plus II “RADIO” “KEY OUT” jack to the radio’s straight key jack. A paddle input jack will not work. You must use a straight key jack.

Continue to the next step only if you have connected the CW cable to a straight key jack.

Step 2a: Configure the PC and Radio for CW Operation

Begin by setting the radio to the CW mode of operation. Select and install one of the CW programs found on the DVD included or via the website. Configure for use with the correct COM port as outlined in Step 5 above. Unless you plan to use break in on your radio, the COM port should be configured for PTT on RTS. Be sure to configure and setup the software to key CW on the same COM port using DTR.
NOTE: If you do not set up the software for RTS to do PTT control, you will have to set the radio for break-in or semi-break-in CW operation; both options will properly.

Test CW operation by transmitting with the CW software. The radio should transmit CW and the RIGblaster Plus II red CW keying LED indicator should flash with the dots and dashes. The PTT should come on steadily in transmit if you have configured the software for that on RTS.

Step 3a: Have Fun Working DX

You are on the air with CW. You can now type CW with your keyboard! Keyboard CW operation is great for CW contesting but nothing beats a real key for regular CW QSOs.

RTTY FSK OPERATION, INSTALLATION AND SETUP (READ CAREFULLY and PROCEED IN ORDER)

Step 1b: Connect FSK Keying Cable

FSK keying cables are available at West Mountain Radio. The “KEY OUT” jack on the RIGblaster Plus II may be used for FSK keying instead of CW keying. Understand that AFSK operation using the sound card for transmit in LSB has many advantages. However, be advised that the only advantage may be with a radio that has better AGC operation because of IF filters that are only available for RTTY. Most radios allow for the same filters set with the radio in LSB instead of RTTY mode, or the last stage IF filters have no effect on AGC performance.

Connect the cable from the RIGblaster Plus II “KEY OUT” jack to the radio’s FSK keying jack. The 1/8 mini phono plug “tip” of the keying jack goes to the FSK keying pin and the “sleeve” goes to common or ground on the radio’s RTTY FSK connector. A custom cable for your radio may be purchased at West Mountain Radio or make one following the diagrams in your radio’s manuals.

To test this cable, plug it into the radio’s jack only and put the radio in the RTTY mode with the monitor on. Set the radio manually into transmit and sort the 1/8” plug from tip to sleeve and listen to the monitor to be sure that the frequency shifts. If it does, you may plug the cable into the RIGblaster’s “KEY OUT” jack.

Continue to the next step only if you have connected the CW cable to a straight key jack.
Step 2b: Configure the PC and Radio for RTTY FSK Operation

Presently, to our knowledge the only RTTY software that works with the RIGblaster Plus II or any USB-to-serial interface is MMTTY, and that only by using the author’s EXTFSK extension. The reason is that USB-to-serial interfaces will not go down to 45 baud.

Follow the MMTTY Help files for setting up the program using the EXTFSK extension to use the correct COM port with PTT on RTS and FSK keying on DTR.

Once configured, transmit with MMTTY and watch the PTT and CW LEDs. The PTT LED should be on steadily and the CW LED should flicker with the RTTY. Confirm with the radio’s monitor that the FSK output sounds like RTTY.

You will also have to make sure that your mark and space tones are correct by setting the radio and/or the software so that transmit and receive mark and space tones are correct. The only easy way to do this is on the air.

Step 3b: Have Fun Working DX

You are on the air with FSK RTTY.

RIG CONTROL CAT/CIV, INSTALLATION AND SETUP
(READ CAREFULLY and PROCEED IN ORDER)

Step 1c: Connecting a CAT or CIV interface

The RIGblaster Plus II has a built-in USB-to-Serial converter with TTL (5 volt logic) output. It may be used with any radio (CAT or CI-V controlled) that requires an RS232 to TTL level converter. This includes most Icom, Ten Tec (CI-V) and smaller or newer Yaesu (CAT) radios.

NOTE: If your radio has a DB-9/RS-232 rig control jack, you do not need, nor can you use, the TTL level rig control interface inside the RIGblaster Plus II. These radios require a direct connection to a PC’s RS-232 COM port. If your PC has a DB-9/RS-232 COM port, you may purchase a DB-9 cable; if the PC does not have RS-232, a USB-to-Serial interface cable is also available for purchase. If you do wish to use the rig control feature of this RIGblaster Plus II, you may order a pre-wired cable from West Mountain Radio for rig control.
NOTE: If you wish to do both rig control and sound card operation at the same time, you need a single program that does both of those functions. If you wish to use two different programs, one for rig control and one for sound card you must have two interfaces. Programs that do both rig control and sound card operation include Hamscope and MixW.

NOTE: Separate programs such as HRD and DM780 require two COM port interfaces, one for rig control and one for PTT or CW, as Windows® will not allow two programs to access the same USB COM port at the same time. The work around is to set the RIGblaster Plus II to the VOX mode to permanently connect the PC audio for transmit, and then use CAT or CI-V transmit activation.

If you have purchased a rig control cable from West Mountain Radio cable, connect it between the RIGblaster Plus II “RIG”, “RIG CTL” jack and the radio’s CAT or remote (CI-V) jack as described in the instructions that came with the custom cable for your radio. Make sure the radio end of a CI-V cable is correct. If you wish to make your own cable you diagrams are as follows in this manual or available on our support page.

CAUTION: When interfacing electronics between various products that are connected to the outside world you must be careful to avoid damage due to ground loops. A PC with a case grounded through its line cord and a radio grounded to an antenna system can have tremendous AC leakage between these two grounds. During a thunderstorm with a near-by lightning strike, not just a direct hit, several thousand volts can be induced into the loop antenna formed by this type of ground loop. It is important that every piece of equipment in your ham station is connected with a star ground system to a single point ground (no loops).

Step 2c: Setting Up the Radio for Rig Control

Most radios have settings for the rig control communications interface, which may include baud rate, parity, stop bits and CI-V addresses.

It is recommended to check that the radio has these settings set to the default or standard settings. Consult the owner’s manual for your radio to be sure it is set correctly to the default and make a note of what these settings are. Turn off any automatic baud rate detection as it is usually incompatible with the automatic baud rate detection in software programs.
Step 3c: Setting Up Rig Control Software for Rig Control

Since radios have settings for the rig control communications, it is logical that the software must be set to match those settings exactly. Most rig control programs will use the radio default settings if you select the exact model radio. Be aware, for example, if you have an IC706MKIIG and you set your software to an IC706MKII (NO “G”) the rig control will not work at all! This is true of other series of radios also.

Regardless of which rig control program you have installed, you will have to configure the program for the COM port number of the RIGblaster Plus II to ensure an exact match for all of the communications settings.

Any one item set incorrectly will totally prevent rig control from working. Every communication setting in the software must exactly match the settings for and in the radio.

With rig control set up and modern logging software you will never have to type your frequency into your PC log again and you can jump to a DX cluster spot instantly.

Yaesu 6 pin DIN CAT control cable wiring

Yaesu TTL Control

(Viewed from the rear)

Yaesu 8 pin mini DIN CAT control cable wiring

RIGtalk to Yaesu TTL Standard size DIN CAT cable wiring

(Viewed from the rear)

Icom or Ten Tec CI-V remote cable wiring

Owner’s Manual 12
TROUBLESHOOTING

If you have installed the RIGblaster Plus II, step-by-step, from this manual you need not go back to a previous step. The problem is isolated to the step that you had a problem on.

If you contact us for support please be sure you know which step of this manual you cannot go any further on before calling or writing.

Most RIGblaster problems usually have nothing to do with the RIGblaster or how it is connected. They are typically software related and can only be fixed with a mouse. Make sure you have your sound card set properly and that you understand the operation of the necessary controls out of over forty virtual controls most sound cards have. Also be sure that you have the COM port settings in your ham radio program correct. If you cannot get a program to work try another program, there are over 100 ham radio sound card programs and over 50 rig control programs.

TYPICAL PROBLEMS:

1) The software has no receive signal displayed because the sound card input is not turned on or up. Use the recording adjustments on Windows® not the playback volume controls. Most PCs have duplex sound cards and receive signal input levels cannot be adjusted from the Windows® playback volume panels, only from the recording panels.

2) The ham radio sound card software is not set to do PTT on the correct serial port. All programs must be configured to control PTT of the RIGblaster and the radio using the RTS line of the serial port. You cannot transmit automatically unless you do this!

TIP: Windows® will mysteriously change the COM port assignment. If you are having a problem check the COM port number assignment in your Windows control panel.

TIP: You are using a rig control program to activate transmit, such as Ham Radio Deluxe. You MUST activate PTT on RTS with a sound card program, such as Digital Master 780

TIP: The sound card is set too low because the PC speakers are too loud. Turn down your PC speakers and turn up your sound card.
TIP: The RF power / drive control on the radio is not set to maximum causing the PC not to have enough audio to drive the radio even to half output.

TIP: The RF power / drive control on the radio is not set to maximum causing the drive stages and ALC to distort your signal causing it to be wide and distorted. Set the RF drive to maximum and turn down the audio drive to the desired RF power level.

TIP: Low impedance headphones or speakers are loading down the audio output from the sound card. Disconnect them or replace them with amplified PC speakers or PC headphones.

Please understand that the RIGblaster Plus II will not work if the software and PC do not work. Make sure that you have your software operating properly and your sound card adjusted properly to expect your station with the RIGblaster Plus II to work. You must read the documentation (Help files) that comes with the software. With over 150 RIGblaster compatible programs, we cannot include software instructions in this manual. Also we did not write the software and we cannot properly support it. It is suggested that if experiencing software problems, try a different program.

If you have audio problems with two or more sound card programs, not necessarily ham radio programs, you may have a problem with your Windows® sound card driver software installation, not your sound card hardware.

For additional support information go to: http://www.westmountainradio.com/supportpnp.htm

NOTE: If you contact us for support we must have the number of the step of this manual that you ran into a problem on. We may not be able to help you without this information.

It is best to call us while you are at your station rather than try to communicate with us by email. Our support desk is available 8:30 AM to 5 PM Central Time Zone, Monday through Friday.
RIGblaster Plus II Warranty

RIGblaster Plus II is warranted against failure due to defects in workmanship or materials for one year after the date of purchase from West Mountain Radio. Warranty does not cover damage caused by abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation, alteration, lightning, or other incidence of excessive voltage or current. If failure occurs within this period, return the RIGblaster Plus II or accessory to West Mountain Radio at your shipping expense. The device or accessory will be repaired or replaced, at our option, without charge, and returned to you at our shipping expense. Repaired or replaced items are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the RIGblaster Plus II or accessory made after the expiration of the warranty period.

The DVD of Radio Amateur Software Collection is excluded from any and all warranties by West Mountain Radio. Note that the programs have been provided as shareware or freeware by the software authors to the amateur radio community for their use and enjoyment. The DVD is to be used at your own risk.

West Mountain Radio shall have no liability or responsibility to customer or any other person or entity with respect to any liability, loss, or damage caused directly or indirectly by use or performance of the products or arising out of any breach of this warranty, including, but not limited to, any damages resulting from inconvenience, loss of time, data, property, revenue, or profit, or any indirect, special incidental, or consequential damages, even if West Mountain Radio has been advised of such damages.

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