

# AMT ACCW, ACCR, ACCL

## Accordion Microphone Install Instructions

### I. Right Hand Microphone Install - ACCR (ACCW, ACCRW, ACCR).

#### 1) Choose a method to attach the ACCR Mounting Blocks. (See Figure 1)

- Included Velcro.
- Provided screw and bolt system.

#### 2) Choose a location.

- Locate a flat surface. Choose an area on the grill of the accordion that will allow the mounting blocks to sit without disruption to the operation of the accordion or microphones. If using the 5B transmitter, allow for an additional location for the transmitter. 5C Transmitter clips onto the mic bar.
- Place Velcro on the bottom of the mounting block and attached to desired spot on grill. (See Figure 2)
- On some accordions, you may choose to use a pre-existing screw hole to bolt and attach the mounting blocks on for a more permanent installation or if using the Velcro is not desired. The microphone bar can be removed quickly from the mounting blocks when not in use. If using the screw and bolt system, consider using a pre-existing hole in the grill. A small hole in the grill cloth may need to be placed depending on your particular grill design and/or desired mounting location. The mounting blocks are adjustable and allow the microphone bar to slide back and forth. Use this sliding feature to adjust for various positions and spacing that maybe needed to acquire and use the preexisting hole.



Figure 1 - Mounting Blocks



Figure 2 - Mounting Position for ACCR (ACCRW)

### II. Right Hand Wireless setup - ACCW (ACCRW)

#### 1) Attach 5C Transmitter

- Snap the clip of the 5C transmitter onto the circular bar of the ACCR microphone leaving enough room for cable to connect to mic bar. (See Figure 4)
- Connect the cable on the 5C transmitter to the end of ACCR microphone bar.
- Follow wireless instructions for operation.



Figure 3 - 5B Transmitter

### III. Right Hand Wired setup - ACCR

- Connect provided cable from ACCR microphone to BP45 Preamp. Three pin into the microphone side, four pin into the BP45.
- Connect XLR cable (not provided) to PA system / mixing board.
  - BP45 is powered by either phantom power or 1 AA battery.
- See step VI for recommended mixer settings.



Figure 4 - 5C Transmitter

### IV. Right Hand Wireless setup with 5B belt pack transmitter.

#### 1) Locate a place to mount the 5B Transmitter.

- Options:
  - Remove metal belt clip on the backside of the 5B transmitter and use Velcro to mount on grill of accordion.
  - Use belt clip and attach 5B transmitter to:
    - Accordion strap
    - Accordion bellow straps

#### 2) Connect provided cable from end of microphone bar to 5B transmitter.

#### 3) Follow wireless instructions for operation.



Figure 5 - ACCL mounting connector - Route through a hole.

### V. Left Hand Microphone Install - ACCL

#### 1) Locate a position for the left hand mounting connector.

- AMT recommends routing the cable through a pre-existing hole if available on the bass plate. (See Figure 5)
- Position in a way that fits underneath the left hand bass strap of the accordion, but doesn't block access to the connector.
- Route the wire through the hole and into the bass machine chamber. If a hole does not already exist then a hole must be made or the wire must be routed through. The disconnect on this cable allows for a small hole to be drilled.

#### 2) Attach the connecting bracket to the outside of the bass plate.

- Use provided Velcro or included screw and bolts to secure the connecting bracket to the bass plate of the accordion. (See Figure 6)

#### 3) Attach the microphone inside the bass machine.



Figure 6 - Use Velcro or screws to attach.



Figure 7 Microphone and cradle.

- a) The microphone itself should be placed on the bottom side, inside the accordion's bass compartment. Bottom side = closer to the floor when playing. It should be on the opposite side of the air release valve.
- b) Find a place free and clear of any moving parts to place the microphone inside of it's 1/2 moon shaped cradle. With some accordions, there will be room to mount on the bass plate itself. With other models, you will need to fasten the plastic microphone cradle to the inside of the bass compartment with dual lock Velcro or a screw. In some cases strong tape can also be use to secure the microphone and cradle. (See Figure 7)
- c) Secure the microphone into the cradle by snapping it into position.
- d) Secure remaining cable to the inside of the accordion. Be sure to keep the excess cable out of the way of any more parts. (See Figure 8)

#### 4) Replace Bass Plate.

#### 5) Replace Bass Strap. (See Figure 9)

### VI. Left hand wireless setup – ACCW / ACCL with 5B belt pack transmitter.

- a) Connect provided cable from 5B transmitter to mounted connecting bracket. (See Figure 10)
- b) Using the metal belt clip on the back of 5B transmitter, attach the transmitter to the bottom of the bass strap. (See Figure 11)
- c) 5B transmitters can also Velcro to the accordion by removing the metal clip from the back of the transmitter.
- d) Follow wireless instructions for operation

### VII. Follow wireless instructions for syncing transmitters and using wireless equipment.

### VIII. Recommended tips for setting up your PA System and EQ with the ACC Microphone Systems.

- 1) The ACC system is intended to be used with mixing boards and PA system gear setup for microphone usage. Plugging into amplifiers designed for keyboards, bass or guitar pickups, and line level devices may work, but not achieve the full potential of the microphone system and cause undesired feedback.
- 2) When connecting your BP45 preamp or ZRIII wireless receiver, you should set the channel input and master fader to unity and the EQ of your each channel used flat. (Normally in the 12noon position.)
- 3) Slowly raise the gain control.
- 4) Depending on the type of speaker your connecting, you might find it helpful to use the low-cut filter on the ACC system. If a low-cut filter is not available, a 1/8 of a turn counter clockwise is recommended on the low EQ
- 5) To achieve a beautiful and rich bassoon reed sound, leave the EQ set flat.



Figure 8 - Secure wires.



Figure 9 - Connector mounts under bass strap.



Figure 10 – ACC1B complete.



Figure 11 - Attach 5B Transmitter to bass strap.