

# Quilter™

Performance Amplification

## ACCESSORIES MANUAL

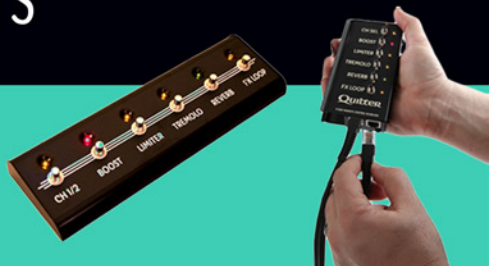
MICROPRO *Mach 2*

*Steelaire*



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*Steelaire*



MICROPRO *Mach 2*



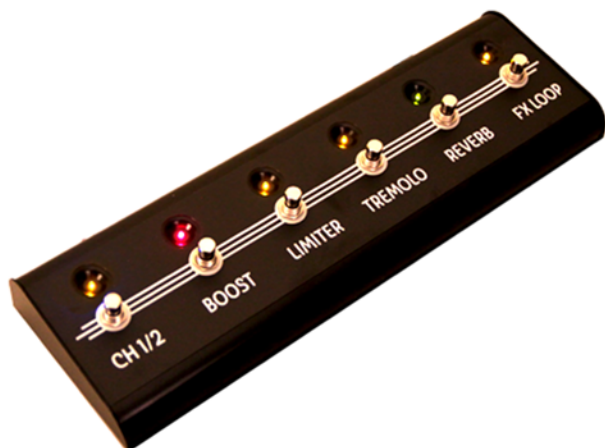
AVIATOR



2000  
TONEBLOCK



101  
MINI HEAD



## Contents:

1. Six-function controller
2. 15' connection cable
3. Owner's Manual

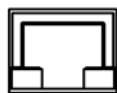
## Footswitch or Leg Mount:

The Steeleaire controller is available as a floor mounted 6-position footswitch or a six position hand switch that clips on the leg of most steel guitars. Both types connect up and operate the same, allowing remote control of six amplifier functions.

## Using Your Controller

Plug one end of the supplied cable into either jack on the controller until it clicks. Plug the other end of the cable into the controller jack on the rear of a Steeleaire amplifier. To remove the cable, press the plastic tab on the plug down to unlock it. Should you lose or damage the included cable, you can substitute a normal CAT-5 network cable with RJ-45 plugs.

### FOOTSWITCH



*You can control two amplifiers at the same time by connecting each amplifier to one of the controller jacks.*

## CH SEL Switch (Ch 1/2 Switch)

The CH SEL switch works in conjunction with the Steeleaire MODE switch located on the front panel of the amplifier (see Steeleaire Manual for more details on GAIN 1 and GAIN 2 modes).

**Amp MODE on CH 1:** Controller toggles between CH 1 and CH 2. The faceplate LEDs will indicate the active channel. The controller LED indicates when CH 1 is active.

**Amp MODE on MUTE:** Controller has no effect (the amber LED on the controller will change state but the amp remains muted).

**Amp MODE on CH 2:** Controller toggles between CH 2 and CH 1. The controller LED indicates when CH 2 is active.

**Amp MODE on 1+2:** Controller activates GAIN 2, which can be used as a boost. GAIN 2 is active when the controller LED is on.

*Consult the Steeleaire Owner's Manual for more details on the use of Inputs 1 and 2, GAIN 1 and 2, and the MODE switch.*

## BOOST Switch

When the Boost switch is engaged (red LED on), a treble boost is added to brighten up the sound. Great for 6-string guitars!

## LIMITER Switch

When the switch is engaged (amber LED on), the Overdrive Limiter is activated. The amount of limiting is set by the amplifier's LIMITER knob. If the LIMITER knob is set on "0" (fully counter-clockwise), no limiting is applied.

## **TREMOLO Switch**

When the switch is engaged (amber LED on), the Overdrive Limiter is activated. The amount of limiting is set by the amplifier's LIMITER knob. If the LIMITER knob is set on "0" (fully counter-clockwise), no limiting is applied.

## **REVERB Switch**

When the switch is engaged (green LED on,) the Reverb is activated. The amount of Reverb is set by the REVERB knob. Preset REVERB, DWELL and TONE to obtain the desired effect.

## **FX LOOP Switch**

When the switch is engaged (amber LED on), the Effects Loop is active and any effects inserted between SEND and RETURN on the back will become audible. If the Effects Loop is not used, the FX LOOP switch has no effect.

# **Troubleshooting**

## **No lights**

- Ensure that both sides of the cable are fully inserted. The plugs should "click" into the jacks, thus locking them in place.
- If a switch does not activate its LED, you may have a faulty controller. Please seek service.

## **One or more switches do not activate their functions**

- If the LIM, TREM and REV knobs are set to their minimum setting, the controller switch will not activate these features.
- If there is no plug inserted into the RETURN jack, the FX LOOP switch has nothing to activate (the sound will not change).

*There are no user-serviceable parts inside the controller. Attempts to repair the device yourself may result in voiding of the warranty. If the device is exposed to a liquid spill or excessive moisture, unplug it immediately and allow to dry thoroughly before using.*



## Contents:

1. Extension Speaker
2. Speaker cable
3. Owner's Manual

## Using Your Extension Speaker

Plug one end of the supplied cable into the input jack on the rear of the extension speaker and the other end into the 8 ohm speaker output jack of the amplifier. You should only use speaker cables that are rated for loudspeaker use. Guitar cables are not suitable for connecting loudspeakers and may damage the cable.

## When used with Quilter combo amplifiers:

To use the extension speaker in addition to the internal speaker, plug the extension speaker cable into the EXT SPEAKER output jack on the rear of the amplifier.

To use the extension speaker instead of the internal speaker, unplug the internal speaker and plug the extension speaker cable into the INT SPEAKER output jack.

## When used with Quilter head amplifiers:

Plug the first extension speaker into the 8 OHM SPKR output jack on the amplifier. You may then plug a second extension speaker into the 4 OHM SPKR output jack.



## When used with another brand of amplifier:

If the amplifier has multiple speaker output jacks, plug the extension speaker into the 8 ohm jack. If the amplifier has a speaker impedance selector switch, set the switch to 8 ohms.

The speaker should only be used with amplifiers rated for 80 watts RMS or less. Quilter amplifiers use a speaker protection “watchdog” circuit that ensures that the speaker does not overheat and fail. This enables safe use of the full 200 watts of output power from a Quilter amp.

## Specifications

**Model:** MicroPro Mach 2 HD Extension:

**Speaker:** Celestion BN12-300S

**Dimensions:** (H x W x D) 18.5 in. x 17.75 in. x 10.5 in.  
47 cm x 45.1 cm x 26.7 cm

**Weight:** 25 lbs. (11.3 Kg)

**Power Handling:** 300Wrms

**Model:** MicroPro Mach 2 Extension:

**Speaker:** Celestion Classic Lead 80

**Dimensions:** (H x W x D) 18.5 in. x 17.75 in. x 10.5 in.  
47 cm x 45.1 cm x 26.7 cm

**Weight:** 30 lbs. (13.6 Kg)

**Power Handling:** 80Wrms

Note: Power ratings are provided by the loudspeaker manufacturer and are only a guideline when selecting a suitable speaker. Quilter Labs qualifies our speaker selections using a lengthy full power test that ensures that the speaker can stand up to the power output of our amplifiers.

**Troubleshooting:**

Symptom	Action
No sound	<p>Ensure that both sides of the cable are fully inserted. The plugs should “click” into the jacks locking them in place.</p> <p>You can test the speaker by plugging it into another amplifier.</p> <p>Inspect the speaker cable for damage.</p> <p>Open the back by unscrewing all the screws and check that the cable going to the speaker is connected and intact.</p> <p>The speaker may be damaged. Contact Quilter Labs for replacement instructions.</p>
Speaker is overly distorted and this sound is different from the typical amplifier overdrive tone	<p>The speaker may be damaged. Contact Quilter Labs for replacement instructions.</p>
Sound is intermittent or “scratchy”	<p>Ensure that both sides of the cable are fully inserted.</p> <p>The plugs should “click” into the jacks locking them in place.</p> <p>The speaker cable may be damaged.</p>

**If the speaker is exposed to a liquid spill or excessive moisture, unplug it immediately and allow to dry thoroughly before using.**



## DELUXE CASES



### Contents:

1. Deluxe Cover
2. Owner's Manual

### Using your "Deluxe" MicroPro cover

Gently open the upper flap which is held in place with velcro and place your MicroPro inside of the case. At first the sides may still be slightly bent from the shipment. This is normal and they will relieve over time.

### 3 sizes

Be sure to get the right size for your MicroPro sizes include an 8", 10/12" version, and extension cab version.

### Specifications:

Sturdy plywood base with rubber molded runners  
Zippered rear pocket  
Velcro top seal  
Velcro handle flap  
Shoulder strap with padded strain relief

### Cleaning and care

Use a lightly moistened sponge without soaps or solvents.  
**DO NOT MACHINE WASH**



## Contents:

1. Block Case
2. Owner's Manual

## Using Your Block Case

Place the Tone Block gently into the 4 holes provided. If you have a 101 Mini Head then place two feet into the holes nearest the two loop handles and rest the other two feet on the foam insert. Use the front pouch for cables or AC plugs. Zip the zipper. Get to the gig!

## Cleaning and care

Use a lightly moistened sponge without soaps or solvents.  
**DO NOT MACHINE WASH**

## Floor Controllers



UFC 201-6, UFC201-2, AVFC-2

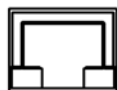
### Contents:

1. Foot controller
2. 12' connection cable
3. Owner's Manual

### Using Your Controller

Plug one end of the supplied cable into either jack on the controller until it clicks. Plug the other end of the cable into the controller jack on the rear of a Steeleaire amplifier. To remove the cable, press the plastic tab on the plug down to unlock it. Should you lose or damage the included cable, you can substitute a normal CAT-5 network cable with RJ-45 plugs.

FOOTSWITCH



## Function Selector Knobs (UFC201-2 Only)

Turn each knob to point at the function you wish to control with the associated footswitch. All remaining functions will be active and controlled solely by the amp's front panel. **Both knobs must be set to different functions.**



## CH Function (All Controllers)

When the footswitch is engaged (LED on), the Channel setting is activated. This will switch your Quilter amplifier's channel.

## BOOST Function (UFC201-6 or 2 only)

When the footswitch is engaged (LED on), the gain boost is activated in accordance with the settings on the amp. If the Boost Voice Selector is set to OFF, the footswitch will not activate the boost function.

## LIM Function (UFC201-6 or 2 only)

When the footswitch is engaged (LED on), the Overdrive Limiter is activated. The amount of limiting is set by the amplifier's LIM knob. If the LIM knob is at its minimum position (fully counter-clockwise), no limiting is applied.

## TREM Function (UFC201-6 or 2 only)

When the footswitch is engaged (LED on), the Tremolo is activated. If the TREM knob is at its minimum position (fully counter-clockwise), the Tremolo will remain off.

## REV Function (All Controllers)

When the footswitch is engaged (LED on,) the Reverb is activated. The amount of Reverb is set by the REV knob. If the REV knob is at its minimum position (fully counter-clockwise), Reverb will remain off.

## FX LOOP Function (UFC201-6 or 2 only)

When the footswitch is engaged (LED on), the Effects Loop will be activated and the signal path will be switched from the internal path to the RETURN jack. If there is no plug inserted into the RETURN jack, the FX LOOP will remain bypassed (no change will be heard).

## Note:

For more information about each of the previously mentioned controls, refer to the manual of the specific product.

Symptom	Action
No lights	Ensure that both sides of the cable are fully inserted. The plugs should “click” into the jacks locking them in place. If the switch does not activate the LED, you may have a faulty foot controller. Please seek service.
The switch does not appear to activate the associated function	Ensure that the UFC201-2 does not have two switches set to the same function. If the LIM, TREM and REV knobs are set to their minimum setting, the footswitch will not activate these features. If there is no plug inserted into the RETURN jack, the FX LOOP switch will not activate the Effects Loop.

***Do not use the foot controller except with a Quilter Amplifier. There are no user-serviceable parts inside the foot controller. Attempts to repair the device yourself may result in voiding of the warranty. If the device is exposed to a liquid spill or excessive moisture, unplug it immediately and allow to dry thoroughly before using.***



## **Contents:**

1. Extension Speaker
2. Speaker cable
3. Owner's Manual

## **Using Your Extension Speaker**

Plug one end of the supplied cable into the input jack on the rear of the extension speaker and the other end into the 8 ohm speaker output jack of the amplifier. You should only use speaker cables that are rated for loudspeaker use. Guitar cables are not suitable for connecting loudspeakers and may damage the cable.

## **When used with Quilter combo amplifiers:**

To use the extension speaker in addition to the internal speaker, plug the extension speaker cable into the EXT SPEAKER output jack on the rear of the amplifier.

To use the extension speaker instead of the internal speaker, unplug the internal speaker and plug the extension speaker cable into the INT SPEAKER output jack.

## **When used with Quilter head amplifiers:**

Plug the first extension speaker into the 8 OHM SPKR output jack on the amplifier. You may then plug a second extension speaker into the 4 OHM SPKR output jack.



## When used with another brand of amplifier:

If the amplifier has multiple speaker output jacks, plug the extension speaker into the 8 ohm jack. If the amplifier has a speaker impedance selector switch, set the switch to 8 ohms.

The speaker should only be used with amplifiers rated for 80 watts RMS or less. Quilter amplifiers use a speaker protection “watchdog” circuit that ensures that the speaker does not overheat and fail. This enables safe use of the full 200 watts of output power from a Quilter amp.

## Specifications

**Model:** Aviator 12” HD Extension:

**Speaker:** Celestion BN12-300S

**Power Handling:** 300Wrms

**Model:** Aviator 12” CL 80 Extension:

**Speaker:** Celestion Classic Lead 80

**Power Handling:** 80Wrms

**Model:** Aviator Twin Ten

**Speaker:** 2X Celestion G10 Vintage (16 ohms)

**Power Handling:** 60Wrms

## Common dimensions:

**Dimensions:** (H x W x D) 16 in. x 23 in. x 9 in.

40.6 cm x 58.4 cm x 22.9 cm

**Weight:** 27.2 lbs. (12.3 Kg)

Note: Power ratings are provided by the loudspeaker manufacturer and are only a guideline when selecting a suitable speaker. Quilter Labs qualifies our speaker selections using a lengthy full power test that ensures that the speaker can stand up to the power output of our amplifiers. **If the speaker is exposed to a liquid spill or excessive moisture, unplug it immediately and allow it to dry thoroughly before using.**



