

# AER Compact Classic pro

## Technical Data

### INPUTS

#### Input 1

Combined XLR/jack socket  
Line: 56 mV, 2.2 M, unbalanced,  
switchable 9 V phantom power on ring  
(max. 40 mA)  
Mic: 1.5 mV, 1200 balanced,  
4 k $\Omega$  unbalanced, voice filter 300 Hz,  
switchable 48 V phantom power through  
2x 6.8 k $\Omega$   
Piezo: 14 mV, 2.2 M unbalanced,  
switchable 9 V phantom power on  
ring (max. 40 mA)

#### Piezo/Mic blender mode:

- Piezo 15 mV, 2.2 M, unbalanced,  
on jack/tip or XLR/pin 2.  
Uses input 2 internally.  
Input 2 socket disabled.
- Mic 3 mV, 660, unbalanced,  
5 V phantom power through 680,  
on jack/ring or XLR/pin 3.

#### Input 2

Jack socket, unbalanced

**Line:** 30 mV, 90 k $\Omega$

**Piezo:** 15 mV, 2.2 M $\Omega$

#### Clip indicator Aux in

Headroom 15 dB Attack time 4 ms  
Stereo cinch (RCA) sockets,  
2x 71 mV, 22 k $\Omega$

#### Effect return

Jack, 210 mV, 24 k $\Omega$

### OUTPUTS

#### Phones

Jack, stereo (left and right connected),  
max. 20 V RMS, 470, max. 2x 100 m $\Omega$ .  
Does not work with mono plugs!  
Jack, 170 mV, 100  $\Omega$

#### Tuner

#### Insert

#### (In-/Output)

Jack, stereo, 750 m, 50  $\Omega$   
tip = send  
Ring = return  
sleeve = ground

#### Line out

#### Left/right out

Jack, 750 mV, 100  $\Omega$   
Jack, 750 mV, 50  $\Omega$   
Normally connected line out, prepared  
for internal expansion modules

#### Effect send

Jack, max. 340 mV (depending on  
„pan“ setting), 50  $\Omega$

#### DI out

XLR socket, balanced, adjustable  
55-280 mV, 200 ; switchable pre/post  
effects and equalizer

### FOOTSWITCH CONNECTORS

#### fs effect

Jack, stereo  
tip = built in effect  
ring = external effect  
sleeve = common

#### fs mute

Jack, stereo  
tip = mute input 1  
ring = mute input 2  
sleeve = common

#### EQ

Bass  $\pm 14$  dB / 60–400 Hz  
narrow Q = 3  
wide Q = 1  
Middle  $\pm 6$  dB / 800 Hz  
Treble  $\pm 10$  dB / 10 kHz

#### Analog signal

#### processing

Limiter, subsonic filter, fixed equalizer

#### Built-in effects

32-bit AER effects processor, 16 presets

#### Power amp

Monolithic I.C., 60 W / 4  $\Omega$

#### Limiter threshold

50 W

#### Speaker system

2-way with crossover  
8" (20 cm) twin-cone fullrange speaker  
(96 dB / 1 W / 1 m) 1" (25 mm)  
dometweeter

#### Mains power

AC 115/230 V (switchable),  
50–60 Hz, max. 140 W

#### Mains fuse

slow 2 A

#### Cabinet

15 mm (0.59") birch plywood

#### Finish

waterbased acrylic, black spatter finish

#### Dimensions

330 x 260 x 235 mm  
(13" x 10.24" x 9.25") W x H x D

#### Weight

7.8 kg (17 lbs)

#### Notes

Input and output voltages refer to 1 kHz sine-wave test signal.

Input levels refer to 50 Watts / 4 output power.

Output levels refer to 100 mV at input 1, line mode.

Impedance values for inputs and outputs are inner impedances (not source or load impedances, except for power amp).

Specifications and appearance subject to change without notice

# AER<sup>®</sup>

Audio Electric Research GmbH

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