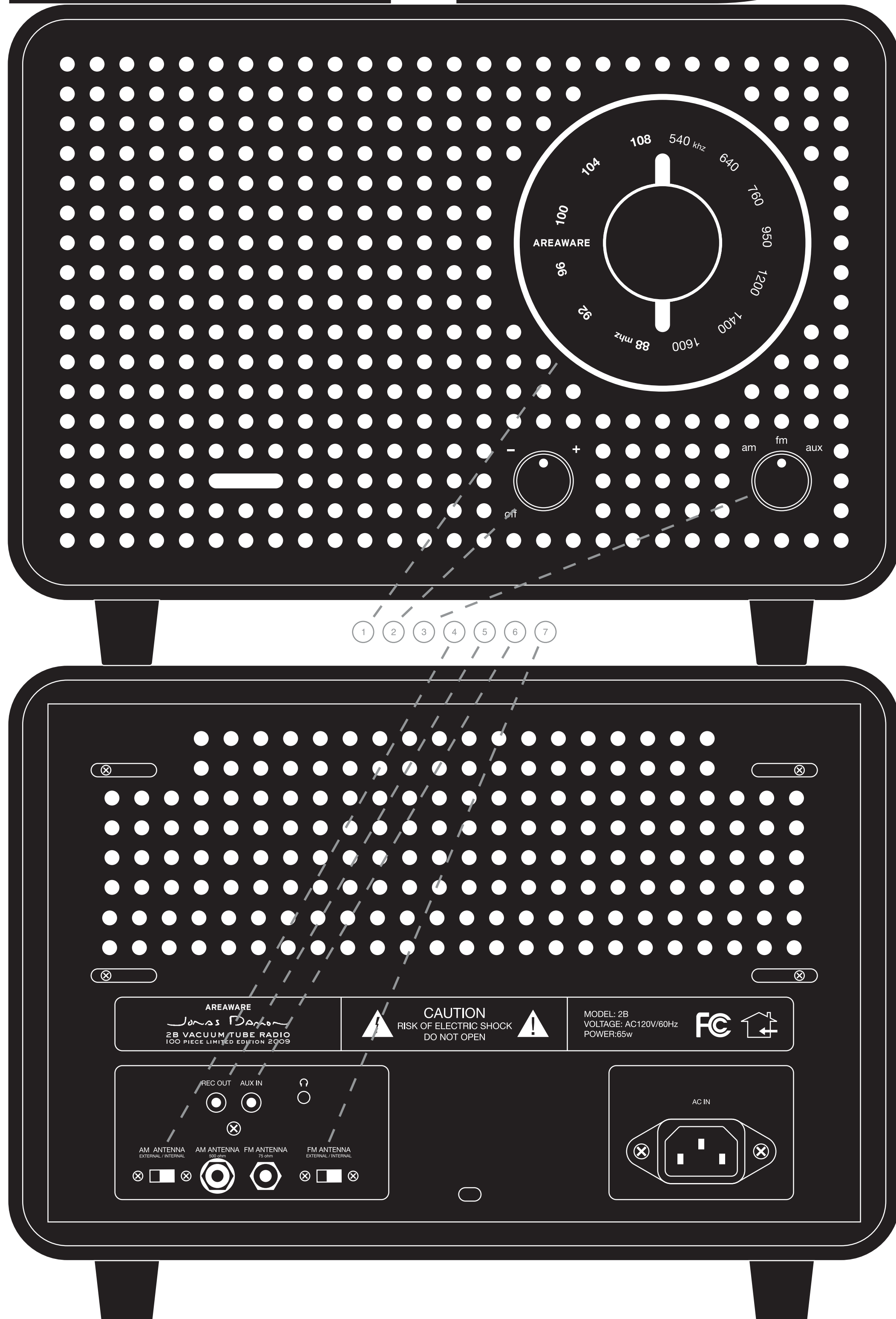


# 2B

# LIMITED EDITION VACUUM TUBE RADIO DESIGN JONAS DAMON FOR AREAWARE



## USERS MANUAL

This manual can also be downloaded at [www.areaware.com](http://www.areaware.com). Replacement vacuum tubes can be ordered through [www.areaware.com](http://www.areaware.com)

## POWER SUPPLY

Power input is AC120V / 60Hz (USA).

## POWER & VOLUME

The volume knob (2) on the front panel is also the ON/OFF switch. Rotate clockwise for ON and counter clockwise for OFF. After radio is on, adjust the volume to a suitable level.

## WAVE BAND SELECTION

The control knob (3) on the front panel is for selecting AM, FM, and AUX. The AUX position is for external audio input, such as an iPod. Please see "AUDIO INPUT / OUTPUT", below.

## STATION SEARCH

The tuning dial (1) on the panel is for selecting stations.

## PACKING LIST

Radio 1 pc. Power cord 1 pc. External FM Antenna 1 pc. Spare fuse 2 pcs. User's manual 1 pc.

## TECHNICAL SPECIFICATIONS

1. Frequency Range: FM 88Mhz-108Mhz / AM 540KHz-1600KHz
2. S/N radio: FM >45db, AM >38db
3. S/N sensitivity: FM < 5uV, AM < 1 mV
4. Distortion: FM <1%, AM <2%
5. No distortion output power: 6W
6. One Signal Selectivity: less than 30dB
7. Speaker frequency Response: 80Hz-16KHz
8. Amplifier Frequency Response: 30Hz-20KHz
9. Internal Speaker: 4" /8 5W
10. Tube model: ECF82 (6F2)\*1, EL84 (6P14)\*2

## ANTENNA: AM BROADCASTING

The device comes equipped with an internal AM antenna. In most areas an external antenna will not be required. In the event an external antenna is needed, please change the "Internal/External" switch (4) on the back panel of the radio to the "External" position. Connect an antenna to the external antenna socket.

## ANTENNA: FM BROADCASTING

The device comes equip with an internal FM antenna. In most areas an external antenna will not be required. In the event an external antenna is needed, please change the "Internal/External" switch (7) on the back panel of the radio to the "External" position. Connect an antenna to the external antenna socket.

## AUDIO INPUT / OUTPUT

**INPUT** An AUX IN jack (6) is located on the back panel of the radio. External audio sources (CD, PC, MP3, etc.) can be connected to this jack via an RCA audio cable. When using, please turn the control knob (3) on the front panel of the radio to "AUX".

**OUTPUT** A REC OUT jack (5) is located on the back panel of the radio, which can be connected to an external recording or amplifying device via an RCA audio cable.

## MAINTENANCE AND SAFE USAGE

1. This product utilizes heat-producing vacuum tubes. High operating temperatures during regular use are normal. Use in a well ventilated area.
2. The vacuum tubes are glass and fragile. Please handle the radio with care so as to not cause damage to the vacuum tubes.
3. Please turn power off when the radio is not in use.
4. Please disconnect the radio from mains during long periods of non-use.
5. Do not use this product during a power surge exceeding 120v.
6. Please direct any inquiries to: [support@areaware.com](mailto:support@areaware.com)

TROUBLE	POSSIBLE CAUSES	SYMPTOMS	SOLUTIONS
NO SOUND	<ol style="list-style-type: none"> <li>1. Power is off.</li> <li>2. Blown fuse.</li> <li>3. Damaged cable.</li> <li>4. Improperly inserted vacuum tube.</li> <li>5. Other.</li> </ol>	Vacuum tubes are not lit.	<p>Ensure the power cord is connected. Replace the fuse. Reinsert the vacuum tube(s). Servicing may be required.</p>
SOUND DISTORTION	<ol style="list-style-type: none"> <li>1. Improperly inserted vacuum tube.</li> <li>2. Other.</li> </ol>	Malfunctioning vacuum tube.	Reinsert the vacuum tube(s). Servicing may be required.
STATIC NOISE INTERFERENCE	<ol style="list-style-type: none"> <li>1. Weak station signal</li> <li>2. Improperly connected antenna.</li> <li>3. Interference from other electric appliances.</li> </ol>	<p>Static noise. Weak reception. Interference from other station(s).</p>	<p>Select an alternate station. Check if the antenna is connected correctly. Turn off other electric appliances or Change the location of the radio.</p>