

CUSTOM SPECIAL AMPLIFIER (YBA-3) OPERATING INSTRUCTIONS

General Instructions:

1. Connect the YBA-3 output marked "speaker" to your speaker cabinet.

NEVER TURN THE AMPLIFIER ON WITHOUT FIRST CHECKING TO SEE THAT THE SPEAKER IS CONNECTED CORRECTLY. SERIOUS DAMAGE MAY RESULT FROM IMPROPER USE.
2. Plug cord into wall outlet.
3. Make sure "on/off" switch is on.
4. Leave standby switch in the off position for about one minute while tubes warm up.

Use of Controls

1. The YBA-3 has two inputs. The bottom input has slightly more sensitivity than the Top input and is slightly more brilliant.
2. The Master Volume controls the overall level of the amplifier and allows the player to have distortion at low level operation as well as high level operation.
3. By fully utilizing Master Volume and Volume control settings, a wide range of volume level and sound may be obtained ranging from a pure undistorted sound to an overdriven distorted sound.
4. To set amplifier for either of the above conditions, first advance bass, and treble controls to their mid positions with all other controls at zero.
5. For undistorted sound set Volume control to approximately 3. Then advance the Master Volume control while playing your instrument until you reach desired volume level.
6. For distorted sound set Volume control to 10 and instrument volume level to maximum. Then advance the Master Volume control while playing your instrument until you reach desired level.
7. Adjust the bass and treble controls from their mid positions until the most pleasing settings are found.
8. The high and low range expanders can now be brought into play, adding tonal colorings previously never before available.

..... over.....

YBA-3 OPERATING INSTRUCTIONS (cont'd)

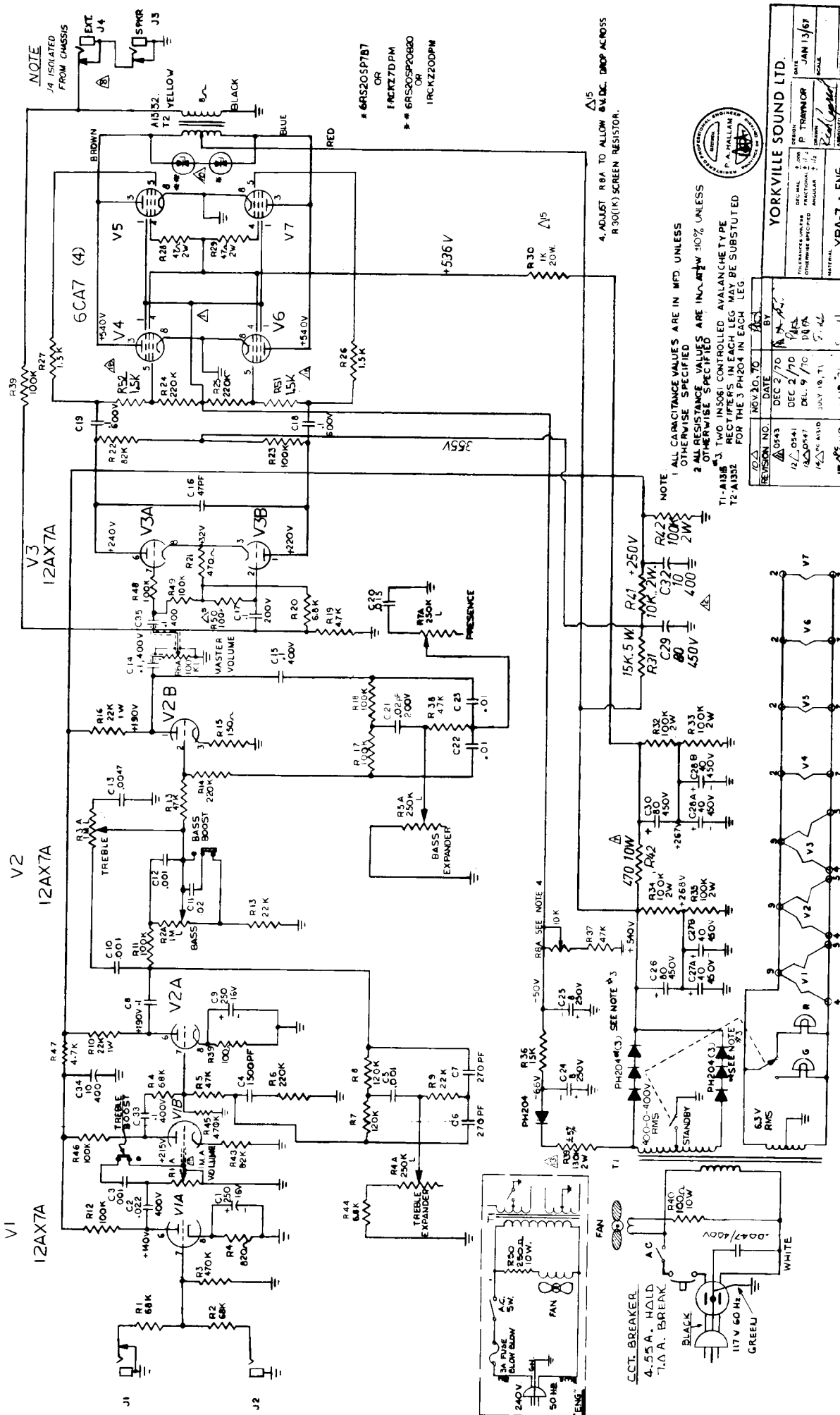
9. The boost switches will project your sound in the largest of arenas or stadiums.
10. The Presence control adds punch to the total sound.
11. The Treble control, high range expander, treble boost switch and presence control all add to the brilliance of the sound by bringing out the "highs" at different frequencies in the audio spectrum.
12. The Bass control, low range expander and bass boost switch add to the depth of the sound in the same way by bringing out the lows.

The Custom Special has a wide range of power, tone and presence. Do not be afraid to experiment with the controls to find new sound qualities. After a short while you will find tones that you never thought your instrument could deliver.

The YBA-3 comes with three speaker combinations to suit your needs.

Note: The extension speaker jack is in series with the main speaker jack. This means for example, if two 4 ohm cabinets are used with a YBA-3 the total impedance would be 8 ohms.

1. YBA-3 with YC-810 or with 2 YC-810's. Take your choice Eight or sixteen 10" speakers providing clean, undistorted sound with a punch. For guitar or the modern progressive bass player who demands punchy bass tones that carry.
2. YBA-3 with 2 YB-18A's: A single 18" speaker in a folded horn enclosure in each cabinet. For the bass player who wants a solid booming bass sound.
3. YBA-3 with 2 YGC-412's ... NEW Eight 12" speakers. A happy marriage of English and American speakers producing a sharp, clean, undistorted sound with a punch. Extreme trebles, full.. rich. Must not be used for bass.



NOTE
1/4 ISOLATED FROM CHASSIS

6RS20SP787 OR
FRICKZ7DPM
6RS20SP0820 OR
1RCKZ200PM

4. ADJUST R8A TO ALLOW 6.0 DC. DROP ACROSS R30(K) SCREEN RESISTOR.

NOTE
1 ALL CAPACITANCE VALUES ARE IN MFD UNLESS OTHERWISE SPECIFIED
2 ALL RESISTANCE VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED
TI-A1318 3 TWO IN5061 CONTROLLED AVALANCHE TYPE RECTIFIERS IN EACH LEG MAY BE SUBSTITUTED FOR THE 3 PH204 IN EACH LEG



YORKVILLE SOUND LTD.	
REVISION NO.	DATE
01	NOV 20, 70
02	DEC 2, 70
03	DEC 2, 70
04	DEC 9, 70
05	JULY 19, 71
06	AUG 16, 71
07	AUG 5, 71
08	AUG 11, 72
09	AUG 11, 72
10	MAY 11, 72
11	MAY 11, 72
12	MAY 11, 72
13	MAY 11, 72
14	MAY 11, 72
15	MAY 11, 72
16	MAY 11, 72
17	MAY 11, 72
18	MAY 11, 72
19	MAY 11, 72
20	MAY 11, 72

LAST CAPACITOR C35 LAST RESISTOR NO 5-2