



KORG KA180 Keyboard Amplifier Owner's Manual

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Congratulations on joining the growing number of KORG Keyboard Amplifier owners.

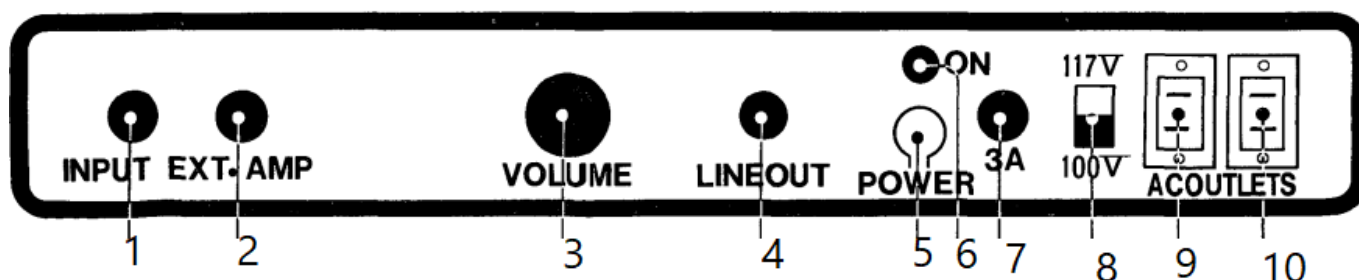
This keyboard amplifier is specifically developed for use with keyboard musical instruments such as the music synthesizer and combo organs. As the owner of this amplifier, you can now enjoy new dimensions in music with top quality sound, utilizing the numerous outstanding features the unit offers.

KA180 is equipped with a reverb, tone control and contains a built-in pre-amplifier and main. KA180 contains a built-in main amplifier for connection of KA180.

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Set this at the position so that noise is reduced

10. Pilot lamp
11. Fuse (4A)
12. Voltage selector switch
13. AC OUT LET socket Total of two: up to 400W
14. When the TONE ON is selected, BASS and TREBLE can be controlled. But when the CANCEL is selected, flat tone can be obtained irrespective of the position of the tone control knob.
When you wish to listen to the live tone of the synthesizer or you use KA180 as PA system, the CANCEL should be selected.
15. **Parallel**
This terminal is used to provide a 2-channel (4 inputs) system with one more set of KA180 additionally used. Connect this parallel terminal with that of the additional keyboard amplifier.
16. **Extra amplifier**
This terminal is used to increase the output by connecting KA180M to this keyboard amplifier.
Output 14dbm (4V)
17. **Line-out**
Recording terminal.
Use this terminal to increase the power by connecting to the PA system, guitar amplifier, etc.
Output 0 dB (0.77V)



1. INPUT jack Connected to EXT. AMP of KA180
2. Extra amplifier Used when adding the KA180M
3. Volume control
4. Line-out
of KAI0 KAISOM (Recording jack)
5. Power switch
6. Pilot lamp
7. FUSE (3A)
8. AC OUT LET sockets Total of two: 400W
9. Voltage selector switch

OPERATING PRECAUTIONS

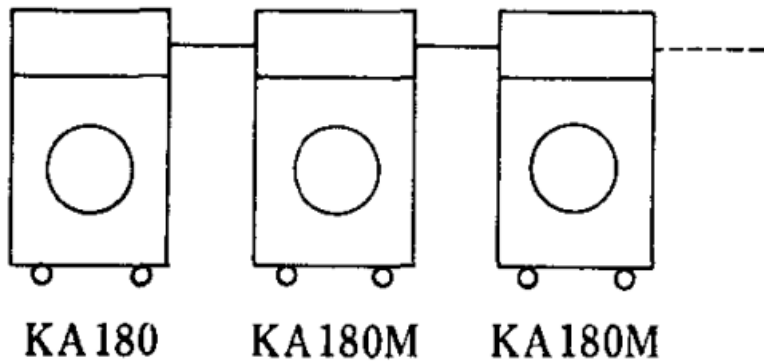
1. Before use, check the power source voltage (Voltage Selector Switch).
2. Noise may be picked up if the amplifier is used with a tape recorder mounted on.
3. The castors and saran net may suffer damage when excessive shock is applied to them.
4. Avoid hauling the amplifier any distance with the foot switch kept in the rear box.

During operation, avoid keeping things in the rear box as much as possible.

- When the fuse (4A) is broken, replace it with a spare fuse of the same rating provided in the rear box. 220V-240V: FUSE 2A

SYSTEM EXAMPLE

When Increasing Power with 1 Channel (2 Inputs)

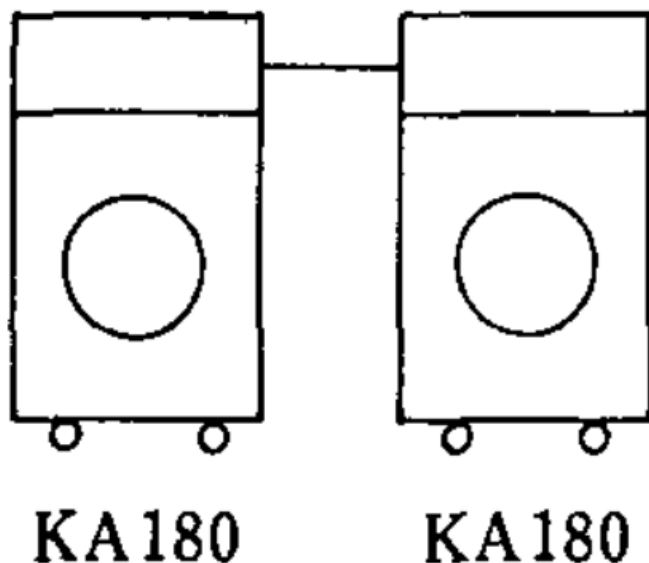


1. Connect the EXT. AMP terminal of KA180 with the IN terminal of KA180M by a guitar cord. (Average output. 240 W; peak output. 540 W)
2. If the output is to be increased further, connect the EXT. AMP terminal of KA180M with the IN terminal of additional KA180M. (Average output. 360 W; peak output, 810 W)
3. In a similar manner up to 20 sets of KA180M can be connected. (Average output. 2520 W; peak output. 5670 W)

(Note)

With the volume control of KA180M set to 5, the same tone volume as KA180 can be obtained.

When Using the Instrument on 2 Channels (4 Inputs)



Connect the parallel terminal of KA180 to the parallel terminal of another KA180 by a guitar cord. (Average output. 40W; peak output 540 W)

SPECIFICATIONS

	KA180	KA180M		KA180	KA180M
*. * . t X e - if —	797.7.A4>7.7ei aa444120W e— 7 2 70Wit ff RI IF (We) 1AIM 5(12o m) 3	/4:7:..rwetclCA 11 101:.. PI I:. KA 180f: NJ t	be Power rating Sp eakers	built-in pre-main a mplifiersmune 120 W peak 270W15~1 38em)x1 woofer 5" 112em) x 1 twain	built-in main amp hfiersame as KA1 80 tune as KANO
. * R 2 it	I > 715Hz —50 0004zX e-n —3011 :-1500(tiz	1014z —30000Hz 30Hz —130001h	Frequenc y ramp	amplifier. 1011s—5 0kHzspeaker, 30Hz—15kH z.	10Hz-50000Hz 30Hz—15000Hz
/2*.X.t lea a * (1104a)At oe-f:02 it . Mt *S N It 904-12=7 F 111 / 7 MI +PARAL LEL EXTA MP UNE. OUTRR 41 411OR11 •a * X 0 I I / S/It ■ a	16Vp-p(IN I) 32Vp-p(IN 2)INSTR UMENT I. 5011V R MS INSTRUMENT 2.100oV RMS100K QUI. 0.002mWIZUF1836 13 F3 rid VT 0 W 4- & sir- -4 E101(0600 0 . 4-14 am(4V)Ma ze 6000. Odo m(0.77V)Maz1CX 1 FETX81-ii:::X7 - x 25 94x- l''X21100V — 117V 50/60H z*ARM4Ski01456.5 em X Olt13.5.5ra00 3* 100. Stone=—af ire—xi77 l. X 4 "4- MI MUD- PX1 tetra —XX1	70Vp-pINPUT 2V R MS100K4 0.00ImW I-A `iLembe F.KA 1801: 14 L. •FETX 21-5:-:17.9- x13 94 t -1: X15KA1801: 84 t ki t*ISOW421E1 KA1 80:111t.e-1—Asif —x1 ea2 — ixia Pe lham—XXI	Maze ins ult voltag e Sensitivit y Likin In put impe dance No ise keels ratio Rev erb unit OUTPUT PARALLE L EXT AM P LINE O utnumber of semico nductor Power sa uce Powe r consum ption Wei ght Dime nsions Accessor ies	I6V p-p ON I) 37V P—P liN2)INST RUMENT I. 50mV RMS INSTRUMEN T 2. 100mV RMS 1 001d1 of more0.00 2mW MN. 78db mi n.KORG original10k12won + 144bm 14V) Max . 600f1 Dobrin (0.7 7V1 Amici FET x 8Transimmx 25 diode x 21100V—11 7V1220V-240V) 18 0W ma45Kg4V422.6^(13)14.r 0040.2"cov er loft switch x1co nnecting cord xl s pore fuse x 1	70V p—p INPUT 2 V RMS100kfl0.001 maw ma).84'111 misname as KAH N same as KA180FET x 2Tra nsistor x 13 diode x 15same as KA1 80 150W mar42 G ame as KA180cov er x1connecting c ord xl spare fuse x 1

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No. 1825 Hamachi, Ashigarakamigun, Kanagawa Pref.. Japan

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KA180 Keyboard Amplifier, KA180, Keyboard Amplifier, Amplifier

References

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