

Mark bass

BASS at its **BEST**

www.markbass.it

OWNER'S MANUAL

**LITTLE MARK III ~ LITTLE MARK 250 ~ LITTLE MARK 800 ~
COMBO HEAD II / LITTLE MARK TUBE ~ LITTLE MARK TUBE 800**

1. IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions;
- 2) Keep these instructions;
- 3) Heed all warnings;
- 4) Follow all instructions;
- 5) Do not use this apparatus near water;
- 6) Clean only with dry cloth;
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions;
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat;
- 9) Do not defeat the safety purpose of the polarized or ground-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet;
- 10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus;
- 11) Only use attachments/accessories specified by the manufacturer;
- 12) Unplug this apparatus during lightning storms or when unused for long periods of time;
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or when the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped;
- 14) "Warning: to reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture; and objects filled with liquids, such as vases, should not be placed on this apparatus";
- 15) The socket outlet shall be installed near the equipment and shall be easily accessible;
- 16) The power cord must be unplugged prior to servicing.

1. PRÉCAUTIONS D'EMPLOI

- 1) Lire ces instructions;
- 2) Conserver ces instructions;
- 3) Suivre tous les conseils d'utilisations;
- 4) Suivre toutes les instructions;
- 5) Ne pas utiliser cet appareil au bord de l'eau;
- 6) Nettoyer uniquement avec un chiffon humide;
- 7) Ne pas bloquer le système de ventilation. Installer conformément aux instructions du fabricant;
- 8) Ne pas installer l'appareil près d'une source de chaleur tel qu'un radiateur, un fourneau, ou bien un autre appareil qui produit de la chaleur;
- 9) Ne pas modifier le système de sécurité de la fiche polarisée ou de la fiche pour les prises de terre. Une fiche polarisée a deux broches, l'une étant plus distante de l'autre. Une fiche pour prise de terre a deux broches et une pointe pour la masse. La broche plus distante et la pointe pour la masse ont été installées pour votre sécurité. Si la fiche fournie ne rentre pas dans votre prise de courant consulter un électricien pour la substitution;
- 10) Protéger le cordon d'alimentation afin qu'il ne soit pas piétiné ou écrasé tout particulièrement au niveau des fiches, des prises de courant femelles, et des parties qui sortent de l'appareil;
- 11) Utiliser uniquement les accessoires recommandés par le fabricant;
- 12) Ne pas brancher l'appareil en cas d'orage accompagné d'éclairs. Le débrancher en cas de non utilisation prolongée;
- 13) S'adresser à un service assistance agréé si l'appareil a subi des dommages, si le cordon d'alimentation ou la fiche a été endommagé, si un liquide a été renversé sur l'appareil ou bien si un objet est tombé dans l'appareil, si ce dernier a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas correctement ou s'il est tombé;
- 14) "Avertissement: pour réduire le risque du feu ou de décharge électrique, n'exposez pas cet appareil à la pluie ou l'humidité et les objets remplis de liquides; tels que des vases, ne devraient pas être placés sur cet appareil";
- 15) La prise de courant doit être installée près de l'appareil et doit être facilement accessible;
- 16) La fiche principale doit être débranchée avant toute opération d'entretien.

MORE INFORMATION

For warranty and service information, please contact your local Markbass distributor (contact information available at www.markbass.it). For more technical information, please visit us at www.markbass.it and fill out the form on the Contact Us page. We hope you enjoy your amp and use it to make great music!



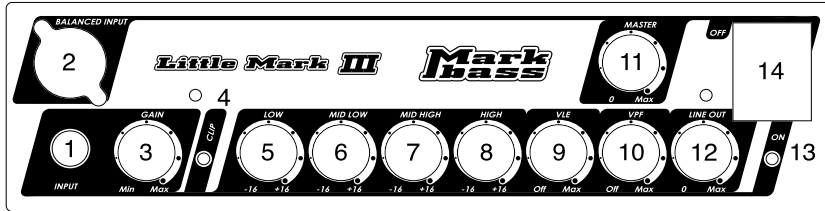
"The Lightning Flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of shock to persons."



"The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product."

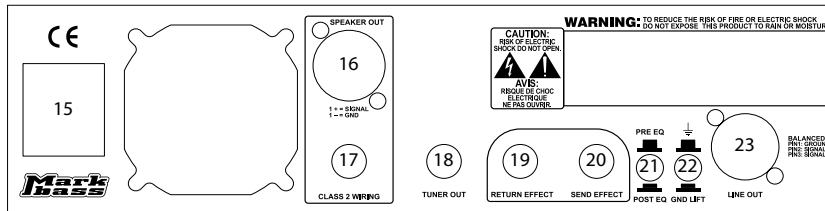


2. LITTLE MARK III / LITTLE MARK 250 / LITTLE MARK 800 / COMBO HEAD II FRONT PANEL



- 1 UNBALANCED 1/4" JACK INPUT
- 2 BALANCED XLR INPUT
- 3 SOLID STATE GAIN
- 4 CLIP LED
- 5 LOW EQUALIZATION CONTROL KNOB
- 6 MID LOW EQUALIZATION CONTROL KNOB
- 7 MID HIGH EQUALIZATION CONTROL KNOB
- 8 HIGH EQUALIZATION CONTROL KNOB
- 9 VLE FILTER LEVEL CONTROL KNOB
- 10 VPF FILTER LEVEL CONTROL KNOB
- 11 MASTER VOLUME LEVEL KNOB
- 12 LINE OUT LEVEL KNOB
- 13 POWER ON LED
- 14 MAIN ON/OFF SWITCH

3. LITTLE MARK III / LITTLE MARK 250 / LITTLE MARK 800 / COMBO HEAD II REAR PANEL



- 15 AC POWER SOCKET
- 16 SPEAKER OUT SPEAKON / 1/4" COMBO JACK
- 17 SPEAKER OUT 1/4" JACK
- 18 TUNER OUT 1/4" JACK
- 19 RETURN EFFECT 1/4" JACK
- 20 SEND EFFECT 1/4" JACK
- 21 PRE/POST EQUALIZATION CONTROL SWITCH
- 22 GROUND LIFT CONTROL SWITCH
- 23 LINE OUT XLR

4. LITTLE MARK III / LITTLE MARK 250 / LITTLE MARK 800 / COMBO HEAD II TECHNICAL DETAILS

INPUTS

INPUT	impedance: 500 Kohm, max. voltage: 15 Vpp
BALANCED	impedance: 1 Mohm, max. voltage: 25 Vpp
RETURN EFFECT	impedance: 33 Kohm, max. voltage: 10 Vpp

CONTROLS

GAIN	-60 dB to +23 dB range
LINE OUT	level control on front panel
PRE/POST EQ (for line out)	switch on rear panel
GROUND LIFT	switch on rear panel
MASTER VOLUME	

EQUALIZATION

LOW	shelf below 60 Hz; level: ±16 dB
MID LOW	center frequency 360 Hz; level: ±16 dB
MID HIGH	center frequency 800 Hz; level: ±16 dB
HIGH	shelf above 5 kHz; level: ±16 dB
VLE (Vintage Loudspeaker Emulator)	max cut range: 250 Hz – 20 kHz
VPF (Variable Pre-shape Filter)	center frequency 380 Hz (cut)

OUTPUTS

SEND EFFECTS	unbalanced, max. voltage 20 Vpp
TUNER OUT	unbalanced, max. voltage 2 Vpp
LINE OUT	balanced XLR, max. voltage 20 Vpp
SPEAKER OUT	speakon, 1/4"

OTHER

HEIGHT	2 rack units (3.16 in. / 80.3 mm)	
WIDTH	10.87 in. / 27.6 cm (19 in. / 48.3 cm with rack ears)	
DEPTH	10.04 in. / 25.5 cm	
WEIGHT	6.39 lbs / 2.9 kg	(LITTLE MARK III)
	6.15 lbs / 2.79 kg	(LITTLE MARK 800)
	5.73 lbs / 2.6 kg	(LITTLE MARK 250)

OUTPUT POWER

300W RMS @ 8 ohm, 500W RMS @ 4 ohm
(LITTLE MARK III, COMBO HEAD II)
450W RMS @ 8 ohm, 750W RMS @ 4 ohm
(LITTLE MARK 800)
150W RMS @ 8 ohm, 250W RMS @ 4 ohm
(LITTLE MARK 250)

POWER REQUIREMENT

100; 120V; 230V; 240V 50/60Hz (Voltage is factory preset according to region of sale).

Markbass amps/combos was manufactured to be sold and used in the country of purchase, and is factory preset to that country's voltage.

Due to homologation issues, the voltage may not be changed.

FUSE

LITTLE MARK III, COMBO HEAD II:

EUROPE	4 A 250V T 5x20
AUSTRALIA/UK	4 A 250V T 5x20
USA/CANADA	8 A 250V T 5x20
JAPAN	10 A 250V T 5x20

LITTLE MARK 800:

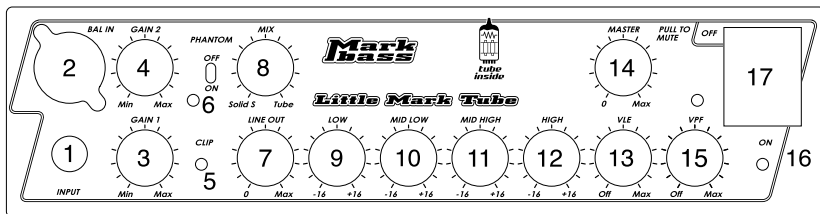
EUROPE	6.3 A 250V T 5x20
AUSTRALIA/UK	6.3 A 250V T 5x20
USA/CANADA	8 A 250V T 5x20
JAPAN	10 A 250V T 5x20

LITTLE MARK 250:

EUROPE	3.15 A 250V T 5x20
AUSTRALIA/UK	3.15 A 250V T 5x20
USA/CANADA	6.3 A 250V T 5x20
JAPAN	6.3 A 250V T 5x20

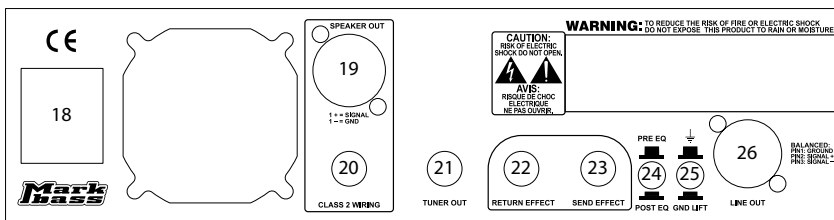
5. COMBOS: TECHNICAL DETAILS

COMBO SERIES	CMD 102P	CMD 103H	MINI CMD 121P	CMD 121H	MINI CMD 151P	CMD 151P JEFF BERLIN
SPEAKER SIZE (INCHES)	2X10"	3X10"	1X12"	1X12"	1X15"	1X15"
TWEETER	PIEZO TWEETER	1" HF COMP. DRIVER	PIEZO TWEETER	1" HF COMP. DRIVER	PIEZO TWEETER	NONE
CROSSOVER FREQUENCY	3.5 KHZ	3.5 KHZ	3.5 KHZ	3.5 KHZ	3.5 KHZ	NONE
CAB POWER HANDLING (AES STANDARD)	400W RMS	600W RMS	400W RMS	400W RMS	400W RMS	400W RMS
FREQUENCY RESPONSE	40HZ TO 18KHZ	40HZ TO 20KHZ	45HZ TO 18KHZ	45HZ TO 20KHZ	40HZ TO 18KHZ	40HZ TO 18KHZ
CABINET SENSITIVITY (DB SPL)	101	103	99	99	100	100
CABINET IMPEDANCE	8 Ω	6 Ω	8 Ω	8 Ω	8 Ω	8 Ω
REFLEX	FRONT	REAR	REAR	REAR	REAR	REAR
WEIGHT KG.	20	28.7	13.3	17.9	18.5	21.2
WEIGHT LBS.	44.09	63.27	29.32	39.46	40.79	46.74
WIDTH MM.	594	594	390	390	464	464
WIDTH INCHES	23.39	23.339	15.35	15.35	18.27	18.27
HEIGHT MM.	479	699	432	599	464	557
HEIGHT INCHES	18.86	27.52	17.01	23.58	18.27	21.93
DEPTH MM.	475	480	357	464	480	480
DEPTH INCHES	18.70	18.90	14.06	18.27	18.90	19.90
PREAMP	SOLID-STATE	SOLID-STATE	SOLID-STATE	SOLID-STATE	SOLID-STATE	SOLID-STATE
POWER AMP 300W @ 8 Ω / 500W @ 4 Ω	ANALOG	ANALOG	ANALOG	ANALOG	ANALOG	ANALOG
POWER SUPPLY	ALL MODELS ARE EQUIPPED WITH CUSTOM-DESIGNED MARKBASS DIGITAL POWER SUPPLIES					



6. LITTLE MARK TUBE / LITTLE MARK TUBE 800 FRONT PANEL

- 1 UNBALANCED 1/4" JACK INPUT
- 2 BALANCED COMBO XLR / 1/4" JACK INPUT
- 3 1/4" JACK INPUT GAIN
- 4 COMBO XLR / 1/4" JACK GAIN
- 5 CLIP LED
- 6 PHANTOM POWER 48V ON/OFF SWITCH (ON BALANCED COMBO XLR / 1/4" JACK INPUT)
- 7 LINE OUT LEVEL KNOB
- 8 MIX LEVEL CONTROL KNOB
- 9 LOW EQUALIZATION CONTROL KNOB
- 10 MID LOW EQUALIZATION CONTROL KNOB
- 11 MID HIGH EQUALIZATION CONTROL KNOB
- 12 HIGH EQUALIZATION CONTROL KNOB
- 13 VLE FILTER LEVEL CONTROL KNOB
- 14 MASTER VOLUME LEVEL KNOB (PULL OUT TO MUTE)
- 15 VPF FILTER LEVEL CONTROL KNOB
- 16 POWER ON LED
- 17 MAIN ON/OFF SWITCH



7. LITTLE MARK TUBE / LITTLE MARK TUBE 800 REAR PANEL

- 18 AC POWER SOCKET
- 19 SPEAKER OUT SPEAKON / 1/4" COMBO JACK
- 20 SPEAKER OUT 1/4" JACK
- 21 TUNER OUT 1/4" JACK
- 22 RETURN EFFECT 1/4" JACK
- 23 SEND EFFECT 1/4" JACK
- 24 PRE/POST EQUALIZATION CONTROL SWITCH
- 25 GROUND LIFT CONTROL SWITCH
- 26 LINE OUT XLR

8. LITTLE MARK TUBE / LITTLE MARK TUBE 800 TECHNICAL DETAILS

INPUTS

INPUT 1	impedance: 500 Kohm, max. voltage: 15 Vpp
INPUT 2	balanced XLR, impedance: 500 Kohm, max. voltage: 15 Vpp
RETURN EFFECT	impedance: 33 Kohm, max. voltage: 10 Vpp

CONTROLS

GAIN 1	-60 dB to +23 dB range
GAIN 2	-60 dB to +23 dB range
LINE OUT	level control on front panel
PRE/POST EQ (for line out)	switch on rear panel
GROUND LIFT	switch on rear panel
MUTE	pulling out the Master knob
MASTER VOLUME	

EQUALIZATION

LOW	shelf below 60 Hz; level: ± 16 dB
MID LOW	center frequency: 360 Hz; level: ± 16 dB
MID HIGH	center frequency: 800 Hz; level: ± 16 dB
HIGH	shelf above: 5 kHz; level: ± 16 dB
VLE (Vintage Loudspeaker Emulator)	max. range cut: 250 Hz – 20 kHz
VPF (Variable Pre-shape Filter)	center frequency 380 Hz (cut)

OUTPUTS

SEND EFFECT	unbalanced, max. voltage 20 Vpp (pre-EQ)
TUNER OUT	unbalanced, max. voltage 2 Vpp
LINE OUT	balanced XLR, max. voltage 20 Vpp
SPEAKER OUT	speakon, 1/4"

OTHER

HEIGHT	2 rack units (3.16 in. / 80.3 mm)
WIDTH	10.87 in. / 27.6 cm (19 in. / 48.3 cm with rack ears)
DEPTH	10.04 in. / 25.5 cm
WEIGHT	6.55 lbs / 2.97 kg (LITTLE MARK TUBE) 6.31 lbs / 2.86 kg (LITTLE MARK TUBE 800)

OUTPUT POWER

300W RMS @ 8 ohm, 500W RMS @ 4 ohm (LITTLE MARK TUBE)
450W RMS @ 8 ohm, 750W RMS @ 4 ohm (LITTLE MARK TUBE 800)

POWER REQUIREMENT

100; 120V; 230V; 240V 50/60Hz (Voltage is factory preset according to region of sale).

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FUSE

LITTLE MARK TUBE:

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AUSTRALIA/UK	4 A 250V T 5x20
USA/CANADA	8 A 250V T 5x20
JAPAN	10 A 250VT 5x20

LITTLE MARK TUBE 800:

EUROPE	6.3 A 250V T 5x20
AUSTRALIA/UK	6.3 A 250V T 5x20
USA/CANADA	8 A 250V T 5x20
JAPAN	10 A 250VT 5x20

Product specifications are subject to change without notice



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