




behringer B215D 2-Way PA Speaker System User Guide

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**B215D 2-Way PA Speaker System
User Guide**

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B215D 2-Way PA Speaker System



Quick Start Guide (Check Out behringer.com for Full Manual)




EUROLIVE


**B215D/B215D-WH/B212D/B212D-WH/
B210D/B210D-WH/B208D/B208D-WH**


Active 550/200-Watt 2-Way PA Speaker System with
15", 12", 10" and 8" Woofer and 1.35" Compression Driver

Important Safety Instructions



 Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock. Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.

 This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.

 This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

Caution

To reduce the risk of electric shock, do not remove the top cover (or the rear section).
No user serviceable parts inside. Refer servicing to qualified personnel.


Caution

To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall

not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.

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 grounding-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. Use only attachments/accessories specified by the manufacturer.



12.  Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

LEGAL DISCLAIMER

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LIMITED WARRANTY

§ 1 Warranty

1. This limited warranty is valid only if you purchased the product from a MUSIC Group Authorized Reseller in the country of purchase. A list of authorized resellers can be found on BEHRINGER's website behringer.com under "Where to Buy", or you can contact the MUSIC Group office closest to you.
2. (2) MUSIC Group* warrants the mechanical and electronic components of this product to be free of defects in material and workmanship if used under normal operating conditions for a period of one (1) year from the original date of purchase (see the Limited Warranty terms in § 4 below), unless a longer minimum warranty period is mandated by applicable local laws. If the product shows any defects within the specified warranty period and that defect is not excluded under § 4, MUSIC Group shall, at its discretion, either replace or repair the product using suitable new or reconditioned product or parts. In case MUSIC Group decides to replace the entire product, this limited warranty shall apply to the replacement product for the remaining initial warranty period, i.e., one (1) year (or otherwise applicable minimum warranty period) from the date of purchase of the original product.
3. Upon validation of the warranty claim, the repaired or replacement product will be returned to the user freight prepaid by MUSIC Group.
4. Warranty claims other than those indicated above are expressly excluded.

PLEASE RETAIN YOUR SALES RECEIPT. IT IS YOUR PROOF OF PURCHASE COVERING YOUR LIMITED WARRANTY. THIS LIMITED WARRANTY IS VOID WITHOUT SUCH PROOF OF PURCHASE.

§ 2 Online registration

Please do remember to register your new BEHRINGER equipment right after your purchase at behringer.com under "Support" and kindly read the terms and conditions of our limited warranty carefully. Registering your purchase and equipment with us helps us process your repair claims quicker and more efficiently. Thank you for your cooperation!

§ 3 Return materials authorization

1. To obtain warranty service, please contact the retailer from whom the equipment was purchased. Should your MUSIC Group Authorized Reseller not be located in your vicinity, you may contact the MUSIC Group Authorized Fulfiller for your country listed under "Support" at behringer.com. If your country is not listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at behringer.com. Alternatively, please submit an online warranty claim at behringer.com BEFORE returning the product. All inquiries must be accompanied by a description of the problem and the serial number of the product. After verifying the product's warranty eligibility with the original sales receipt, MUSIC Group will then issue a Return Materials Authorization ("RMA") number.
2. Subsequently, the product must be returned in its original shipping carton, together with the return authorization number to the address indicated by MUSIC Group.
3. Shipments without freight prepaid will not be accepted.

§ 4 Warranty Exclusions

1. This limited warranty does not cover consumable parts including, but not limited to, fuses and batteries. Where applicable, MUSIC Group warrants the valves or meters contained in the product to be free from defects in material and workmanship for a period of ninety (90) days from date of purchase.
2. This limited warranty does not cover the product if it has been electronically or mechanically modified in any way. If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country for which the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship. This limited warranty does not cover any such modification/adaptation, regardless of whether it was carried out properly or not. Under the terms of this limited warranty, MUSIC Group shall not be held responsible for any cost resulting from such a modification/adaptation.
3. This limited warranty covers only the product hardware. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the product. Any such software is provided "AS IS" unless expressly provided for in any enclosed software limited warranty.
4. This limited warranty is invalid if the factory- applied serial number has been altered or removed from the product.
5. Free inspections and maintenance/repair work are expressly excluded from this limited warranty, in particular, if caused by improper handling of the product by the user. This also applies to defects caused by normal wear and tear, in particular, of faders, crossfaders, potentiometers, keys/buttons, guitar strings, illuminants and similar parts.
6. Damage/defects caused by the following conditions are not covered by this limited warranty:
 - improper handling, neglect or failure to operate the unit in compliance with the instructions given in BEHRINGER user or service manuals;
 - connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used;
 - damage/defects caused by acts of God/Nature (accident, fire, flood, etc) or any other condition that is beyond the control of MUSIC Group.
7. Any repair or opening of the unit carried out by unauthorized personnel (user included) will void the limited warranty.
8. If an inspection of the product by MUSIC Group shows that the defect in question is not covered by the limited warranty, the inspection costs are payable by the customer.
9. Products which do not meet the terms of this limited warranty will be repaired exclusively at the buyer's expense. MUSIC Group or its authorized service center will inform the buyer of any such circumstance. If the buyer fails to submit a written repair order within 6 weeks after notification, MUSIC Group will return the unit C.O.D. with a separate invoice for freight and packing. Such costs will also be invoiced separately when the buyer has sent in a written repair order.
10. MUSIC Group Authorized Resellers do not sell new products directly in online auctions. Purchases made through an online auction are on a "buyer beware" basis. Online auction confirmations or sales receipts are not accepted for warranty verification and MUSIC Group will not repair or replace any product purchased through an online auction.

§ 5 Warranty transferability

This limited warranty is extended exclusively to the original buyer (customer of authorized reseller) and is not transferable to anyone who may subsequently purchase this product. No other person (reseller, etc.) shall be

entitled to give any warranty promise on behalf of MUSIC Group.

§ 6 Claim for damage

Subject only to the operation of mandatory applicable local laws, MUSIC Group shall have no liability to the buyer under this warranty for any consequential or indirect loss or damage of any kind. In no event shall the liability of MUSIC Group under this limited warranty exceed the invoiced value of the product.

§ 7 Limitation of liability

This limited warranty is the complete and exclusive warranty between you and MUSIC Group. It supersedes all other written or oral communications related to this product. MUSIC Group provides no other warranties for this product.

§ 8 Other warranty rights and national law

1. This limited warranty does not exclude or limit the buyer's statutory rights as a consumer in any way.
2. The limited warranty regulations mentioned herein are applicable unless they constitute an infringement of applicable mandatory local laws.
3. This warranty does not detract from the seller's obligations in regard to any lack of conformity of the product and any hidden defect.

§ 9 Amendment

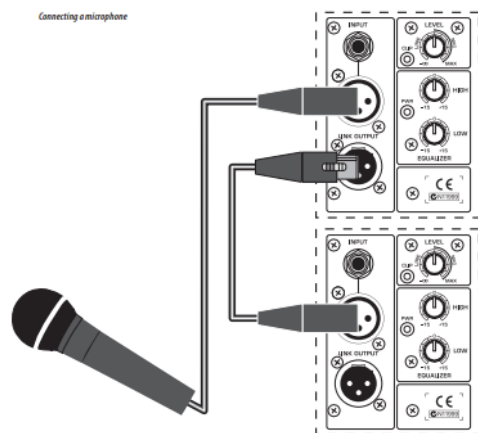
Warranty service conditions are subject to change without notice. For the latest warranty terms and conditions and additional information regarding MUSIC Group's limited warranty, please see complete details online at behringer.com.

* MUSIC Group Macao Commercial Off shore Limited of Rue de Pequim No. 202-A, Macau Finance Centre 9/J, Macau, including all MUSIC Group companies

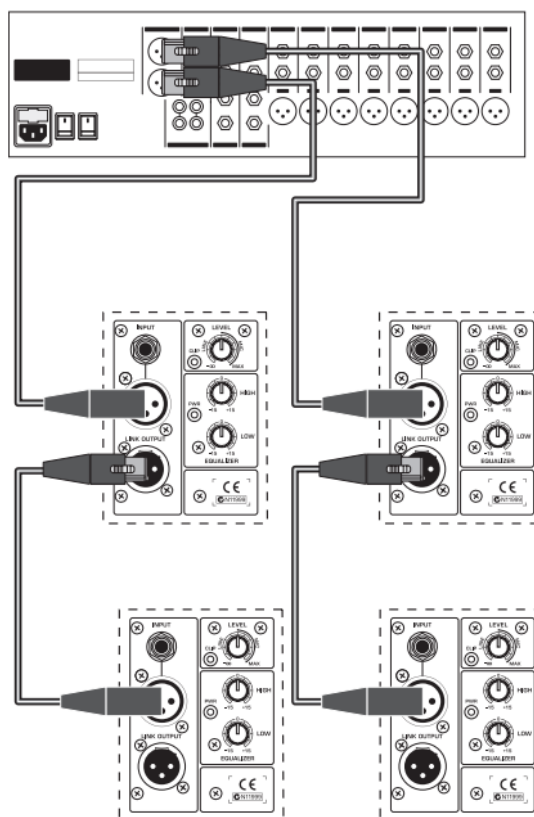
EUROLIVE B215D/B215D-WH/B212D/B212D-WH/B210D/B2 10D-WH/B208D/B208D-WH Hook-up

Step 1: Hook-Up

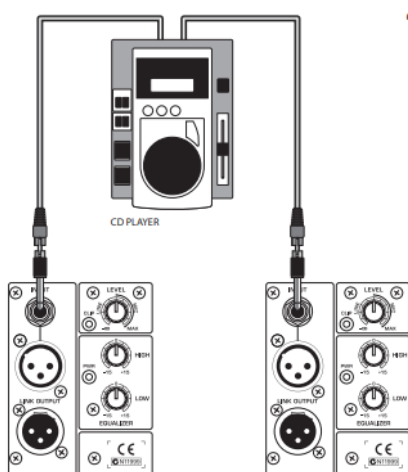
Connecting a microphone



Linking several speakers



Connecting a stereo signal source



Step 2: Controls

The diagram illustrates the internal components of two models, B213X/B215D and B208D/B210D, specifically focusing on the power source and fuse location. The B213X/B215D model (left) shows a power source/fuse holder on the left side, with a power source/fuse holder on the right side. The B208D/B210D model (right) shows a power source/fuse holder on the right side, with a power source/fuse holder on the left side. A caution note states: "REPLACE FUSE WITH SAME FUSE TYPE AND RATING."

CAUTION
REPLACE FUSE WITH SAME FUSE
TYPE AND RATING.

POWER SOURCE Plug the included IEC power cable into this jack.

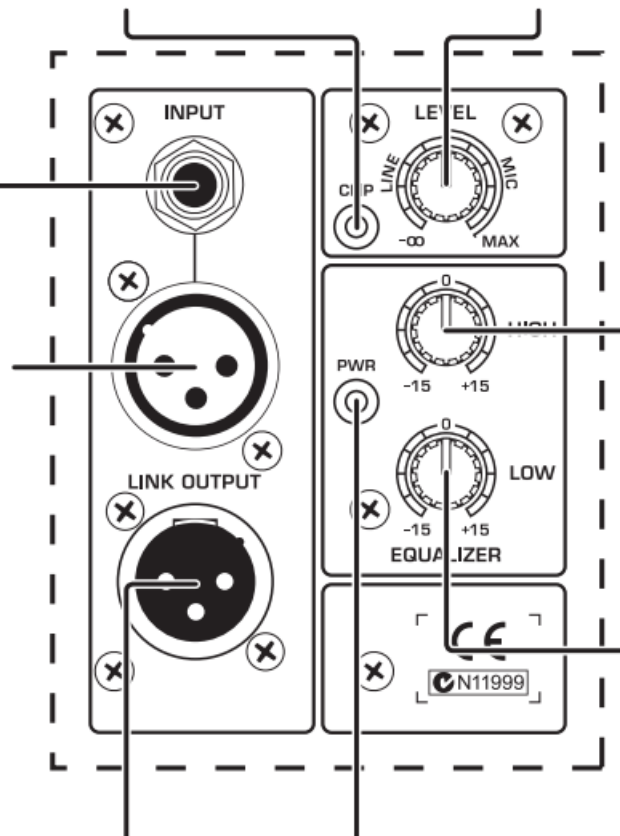
1/4" TRS Input Connect a mixer output or other line-level signal using a cable with a 1/4" plug.

CLIP LED Lights when the input signal begins to overload.

LEVEL KNOB Adjusts the input sensitivity (gain) for the 1/4" and XLR inputs. Reduce the input level if the CLIP LED lights.

XLR INPUT Connect a microphone, balanced mixer output, or the LINK OUTPUT from another speaker using a balanced cable with a female XLR plug.

WARNING: Never use the 1/4" and XLR inputs at the same time.



HIGH EQUALIZER Cut or boost treble frequencies by ± 15 dB.

LOW EQUALIZER Cut or boost bass frequencies by ± 15 dB.

LINK OUTPUT Sends a copy of the source signal to another speaker using an XLR cable.

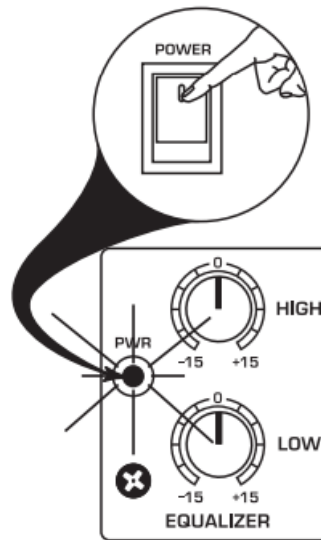
POWER LED Lights when the speaker is turned on.

EUROLIVE B215D/B215D-WH/B212D/B212D-WH/B210D/B2 10D-WH/B208D/B208D-WH

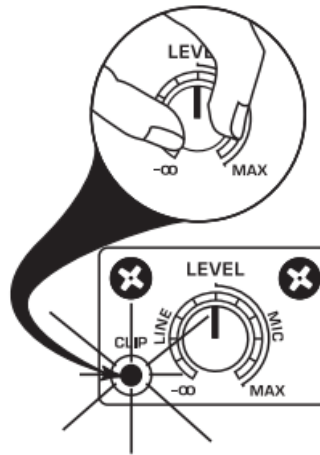
Getting started

Step 3: Getting started

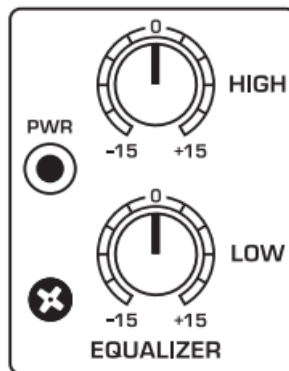
1. Place the speaker(s) in desired locations, either on stands or as wedge monitors on the floor.
2. Make all necessary connections. DO NOT turn on the power yet.
3. Turn on your audio source (mixer, microphone).
4. Turn on your speaker(s) by pressing the POWER SWITCH. The POWER LED will light up.



5. Play your audio source or speak into your microphone at a normal to loud level.
6. Adjust the LEVEL knob to the desired volume level. If the CLIP LED flashes, turn the LEVEL knob back down.
If using multiple speakers, the LEVEL knob must be adjusted on each speaker.



7. If necessary, adjust the HIGH and LOW EQUALIZER knobs on each speaker to boost or cut treble and bass frequencies to taste.



Specifications

Amplifier Power Output	B215D	B212D	B210D	B208D
Low-Frequency Range				
RMS Power	280 W @ 8 Ω	280 W @ 8 Ω	135 W @ 8 Ω	135 W @ 8 Ω
Peak Power	450 W @ 8 Ω	450 W @ 8 Ω	160 W @ 8 Ω	160 W @ 8 Ω
High-Frequency Range				
RMS Power	65 W @ 8 Ω	65 W @ 8 Ω	38 W @ 8 Ω	38 W @ 8 Ω
Peak Power	100 W @ 8 Ω	100 W @ 8 Ω	42 W @ 8 Ω	42 W @ 8 Ω
Speaker Size				
Size	15"	12"	10" / 25 cm	8" / 20 cm

Audio Inputs

XLR (Servo-Balanced)	
Sensitivity	-40 dBu to +4 dBu
Input impedance Impedance d'entrée	20 k Ω
1/4" TRS Jack (Servo-Balanced)	
Sensitivity	-40 dBu to +4 dBu
Input impedance	20 k Ω
Level Control	
Input Trim	$-\infty$ to + 30 dB
Max. input level	+22 dBu
Link	
Connector	XLR connector

Loudspeaker System Data

Frequency Response	65 Hz to 20 kHz			
Crossover frequency	1.9 kHz	2.4 kHz	24 kHz	24 kHz
Sound pressure level	max. 126 dB SPL @ 1 m	max. 125 dB SPL @ 1 m	max. 113 dB SPL @ 1 m	max. 113 dB SPL @ 1 m
Limiter	Optical			
Dynamic Equalizer	Processor-controlled			

Equalizer

HIGH	12 kHz / ± 15 dB
LOW	80 Hz / ± 15 dB

Power Supply

Voltage (Fuses)

USA/Canada	120 V, 60 Hz (T 6.3 A H 250 V)	120 V, 60 Hz (T 6.3 A H 250 V)	120 V, 60 Hz (T 4.0 A H 250 V)	120 V, 60 Hz (T 4.0 A H 250 V)
UK/Australia	240 V~, 50 Hz (T 3.15 A H 250 V)	240 V~, 50 Hz (T 3.15 A H 250 V)	240 V~, 50 Hz (T 2.0 A H 250 V)	240 V~, 50 Hz (T 2.0 A H 250 V)
Europe	230 V~, 50 Hz (T 3.15 A H 250 V)	230 V~, 50 Hz (T 3.15 A H 250 V)	230 V~, 50 Hz (T 2.0 A H 250 V)	230 V~, 50 Hz (T 2.0 A H 250 V)
Japan	100 V~, 50-60 Hz (T 6.3 A H 250 V)	100 V~, 50-60 Hz (T 6.3 A H 250 V)	100 V~, 50-60 Hz (T 4.0 A H 250 V)	100 V~, 50-60 Hz (T 4.0 A H 250 V)
Power consumption	max. 600 Watts	max. 600 Watts	max. 300 Watts	max. 300 Watts
Mains connection	Standard IEC receptacle			

Dimensions & Weight

Dimensions (H x W x D)	approx. 27.2 x 17.3 x 13.2" approx. 690 x 440 x 335 mm	approx. 21.7 x 13.6 x 10.6" approx. 550 x 345 x 270 mm	approx. 18.34 x 11.50 x 9.61" approx. 466 x 292 x 244 mm	approx. 14.72 x 9.8 x 8.1" approx. 374 x 249 x 205 mm
Weight	45.2 lbs / 20.54 kg	31.9 lbs / 14.5 kg	19.18 lbs / 8.7 kg	15 lbs / 6.8 kg

Other important information

Important information

- 1. Register online.** Please register your new MUSIC Group equipment right after you purchase it by visiting [behringer.com](https://www.behringer.com). Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
- 2. Malfunction.** Should your MUSIC Group Authorized Reseller not be located in your vicinity, you may contact the MUSIC Group Authorized Fulfiller for your country listed under "Support" at [behringer.com](https://www.behringer.com). Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at [behringer.com](https://www.behringer.com). Alternatively, please submit an online warranty claim at [behringer.com](https://www.behringer.com) BEFORE returning the product.
- 3. Power Connections.** Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

BEHRINGER



EUROLIVE B215D/B215D-WH/B212D/B212D-WH/ B210D/B210D-WH/B208D/B208D-WH

Responsible Party Name: MUSIC Group Services US Inc.

Address: 18912 North Creek Parkway, Suite 200 Bothell, WA 98011, USA

Phone/Fax No.:

Phone: +1 425 672 0816

Fax: +1 425 673 7647

EUROLIVE B215D/B215D-WH/B212D/B212D-WH/ B210D/B210D-WH/B208D/B208D-WH

complies with the FCC rules as mentioned in the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Important information:

Changes or modifications to the equipment not expressly approved by MUSIC Group can void the user's authority to use the equipment.




We Hear You







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Documents / Resources

	<p>behringer B215D 2-Way PA Speaker System [pdf] User Guide</p> <p>B215D, B215D-WH, B212D, B212D-WH, B210D, B210D-WH, B208D, B208D-WH, B215D 2-Way PA Speaker System, Way PA Speaker System, PA Speaker System, Speaker System, System</p>
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References

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