

E **Operation Manual**
Drop system KABUKI



	Contents	Page	Information
1 Introduction	1.1 Basic Safety Information	3	All information subject to change or technical modification without notice. (Updated 03/2010)
	1.2 Staff Responsibility	3	
	1.3 User/Operator Responsibility	3	
	1.4 Intended Use	3	
	1.5 Incorrect Use	4	
	1.6 Safety Instructions	4	
2 Assembly + Operation	2.1 KABUKI-System Component Parts	5	
	2.2 Assembling the KABUKI-System	6 - 11	
3 Trouble Shooting	3.1 Resetting the Release Unit	11	
4 Notes	4.1 Electric Power Hazards	12	
	4.2 Constructional Modification of the KABUKI Release System	12	
5 Drawings	5.1 Release Unit	13	
	5.2 G-FRAME 54	14	



1.1 Basic Safety Information	<p>Basic safety precautions must be followed to ensure the safe operation of this equipment.</p> <p>This operation manual contains important safety information contained in section 1.6 (Safety Instructions) as well as general information pertaining to the safe operation of this equipment.</p> <p>It is the user/operator's responsibility to read this manual before operation and to follow all health and safety regulations set forth by local authorities.</p>
1.2 Staff Responsibility	<p>Anyone responsible for handling this equipment must obey all health and safety regulations of local jurisdiction to help prevent accidents. Acknowledgement of local health and safety codes, along with acknowledgement of safety instructions in section 1.6, must be understood by all personnel prior to setting up the system.</p>
1.3 User/ Operator Responsibility	<p>It is the user/operator's responsibility to permit only trained and qualified personnel to handle and operate this equipment. A trained and qualified person is someone who has read and understood section 1.2 (Staff Responsibility) of this manual.</p> <p>The KABUKI curtain release system is a state-of-the-art system and has been manufactured in accordance to technical safety regulations. However, with any equipment, operational hazards may occur, causing damage to the equipment or other surrounding property.</p> <p>The equipment must be in good condition and should be inspected and tested before use.</p> <p>Any potential hazards which could affect safe operation must be removed immediately.</p>
1.4 Intended Use	<p>The KABUKI release system is exclusively designed for the theatrical release of curtains.</p> <p>Any other use beyond this does not qualify as 'intended use'.</p> <p>Gerriets GmbH, or its subsidiaries, does not accept liability for any damages resulting from inappropriate use.</p> <p>Proper use includes observance of all guidelines in this manual as well as routine inspection and maintenance.</p> <p>The control unit, which houses the transformer, is to be connected to the proper main power supply voltage (120V/230V)</p>



1.5 Incorrect Use

Any use other than those defined in the section 1.4 “Intended Use” are not permissible.

1.6 Safety instructions

When using the system, the following safety precautions are to be followed:

Electrical safety checks:

- Examination of all connected cables for insulation faults.
- Correct voltage to control cabinet.
- Examination of safety equipment.

Mechanical safety checks:

- Check mechanical release of each unit by pulling on the small wire loop.
- Check that all connector plugs are secure and in place.
- Make sure there are no rigid elements in the curtain and that the load at each release unit does not exceed the clamp rating (10 kg/50 kg).

To prevent injury, the user/operator must ensure that no untrained personnel are located in the curtain release area during the release process.

This can be achieved by various means such as barrier tape, careful choice of release area or extra security staff.

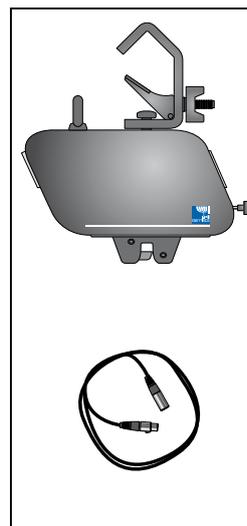
If, however, the presence of people in the release area is unavoidable, they should be made aware of the potential dangers the release process involves.

Should there be any fault identified in the system, this should be attended to immediately by trained personnel or the system should be turned off.

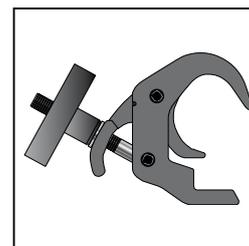
2.1 KABUKI-System Component Parts

The G2 system consists of the following parts.

- (Picture 1) KABUKI release unit with hook clamp and 2 m/78" connection cable.
- (Picture 2) Optional accessory: HD Doughy Trigger-Clamp.
- (Picture 3) Optional accessory: fabric clamp.
- (Picture 4) G-FRAME 30-3 or
- (Picture 5) 60-6 control unit.
- (Picture 6) XLR termination plug for feedback signal.
- (Picture 7) Wall-mount plate / Mounting bracket for standard 19" rack.
- (Picture 8) Optional accessory: remote fire button.
- (Picture 9) Release unit connection cable. Required wire diameter min. 3 x1,5²!
- (Picture 10) Optional accessory: extension cable for remote fire button or for connection of multiple G-FRAME controllers together.



1



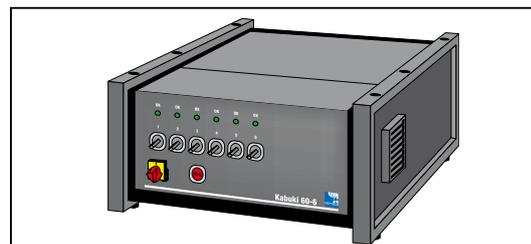
2



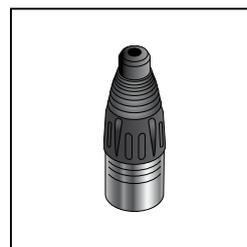
3



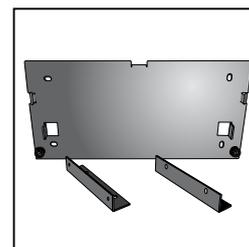
4



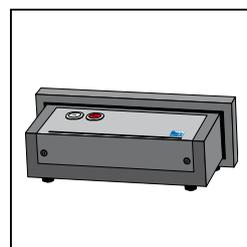
5



6



7



8



9



10

2.2 Assembling the KABUKI-System

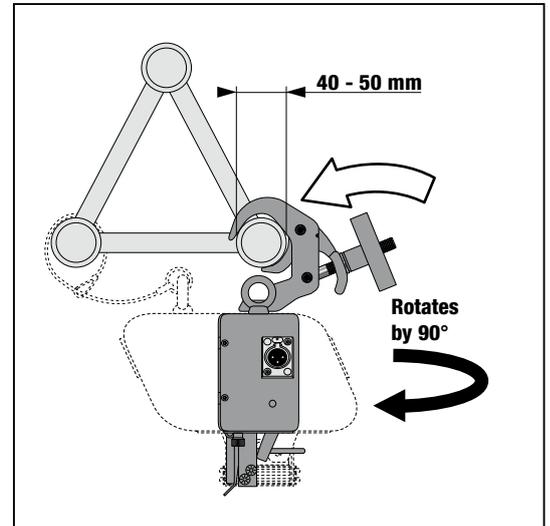
In order for the system to operate correctly, the following steps should be taken.

1. Step

Mount the necessary quantity of release units on a pipe/batten/truss with a diameter of 40-50 mm (1.5"-2.0").

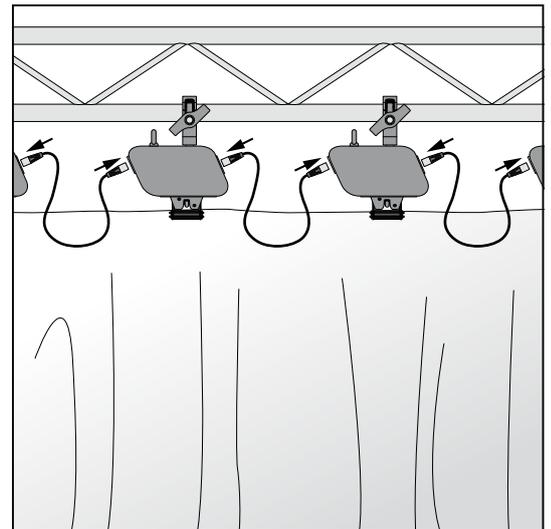
(Allow a spacing between release units of 0,5 m to 1,5 m (24"-5') between the units depending on the load).

Secure the release units by attaching a safety cable through the eye bolt (safety cable not included).



2. Step

Connect the individual release units using the cables provided.



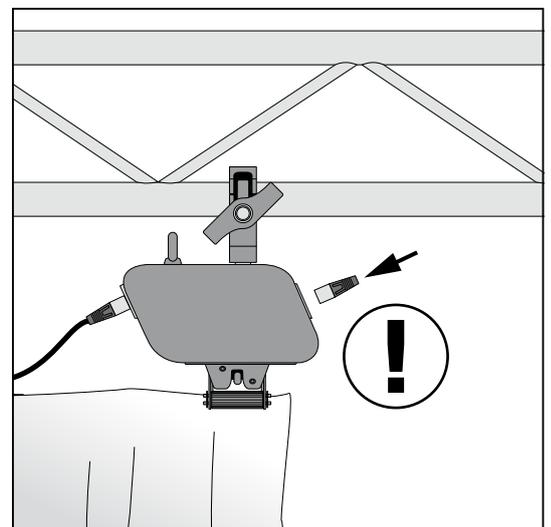
3. Step

Plug the termination plug into the last release unit of the respective circuit. The termination plug sends a return signal to the control unit indicating that all cables are connected properly, whether the circuit is closed or not.

If a circuit on the control unit is not being used, then the termination plug should be plugged directly into the corresponding channel on the back of the control unit.

If the termination plug is not connected to the last release unit, the control unit has no return signal to indicate the actual state of the connection.

Despite this, a properly wired system is fully functional even if the circuit shows up as faulty on the control unit.



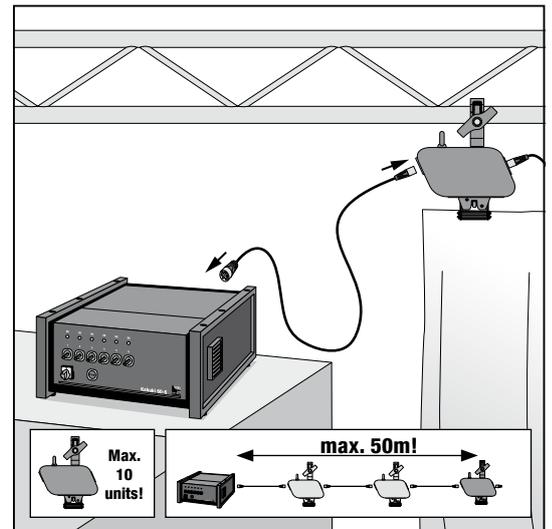
2.2 Assembling the KABUKI-System

4. Step

Connect the first release unit to the control unit using an appropriate length extension cable.

Please note that a maximum of 10 release units can be connected per circuit/channel.

The maximum length of cable between the control unit and the last release unit is 50 m (164')!



5. Step

Picture 1

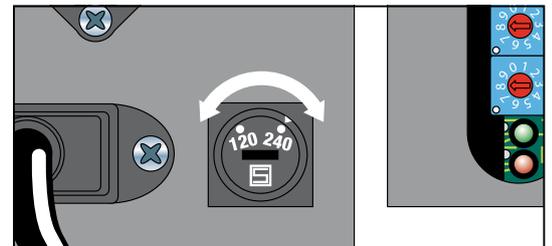
Check that the voltage setting on the back of the control box is set correctly.

Picture 2 + 3

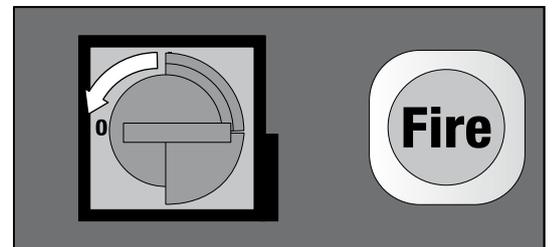
Please make sure the main power switch on the control unit in the 'off' position before connecting power.

Picture 4

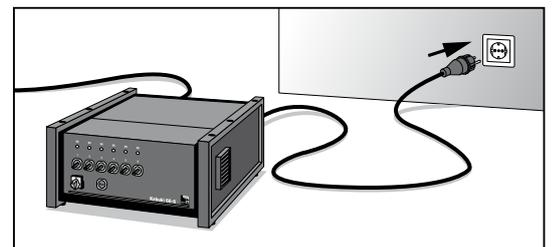
Turn on the control unit using the main power switch.



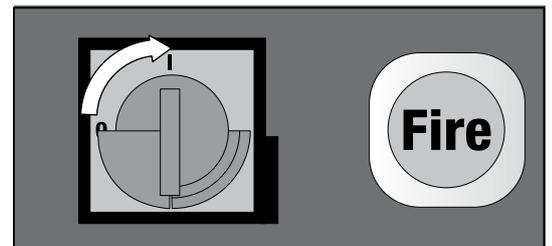
1



2



3



4

2.2 Assembling the KABUKI-System

6. Step

Once a circuit has been selected, the corresponding LED lights up on the control panel.

Picture 1

Circuits 1 to 3 selected.

A green LED above the selection switch indicates a good connection and that the circuit is ready for use.

Picture 2

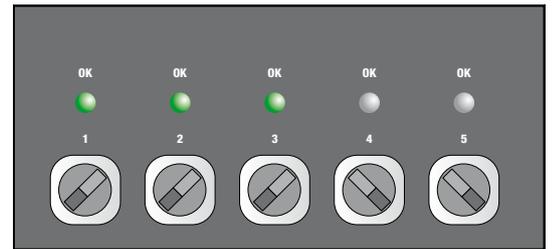
Circuits 1 to 3 selected.

A red LED above the selection switch indicates the circuit is NOT ready for use. This indicates either a break in the circuit or that the termination plug is not plugged in. Check all cable connections including the termination plug.

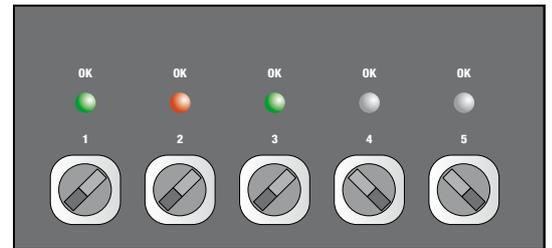
-> Fault in circuit 2!

Possible causes of fault:

- faulty cable connection
- break in power supply
- termination plug not plugged in.



1



2

7. Step

The control unit can be fired using DMX. Please note the various specific DMX components on the back of the control unit.

Picture 3

Should a DMX address be necessary, it can be selected on the back panel of the control box.

Example address 207.

Picture 4

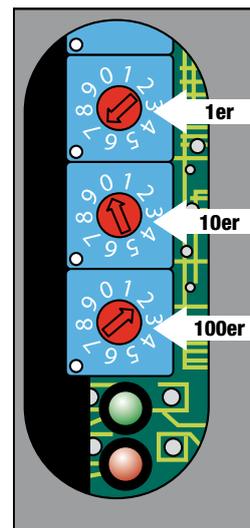
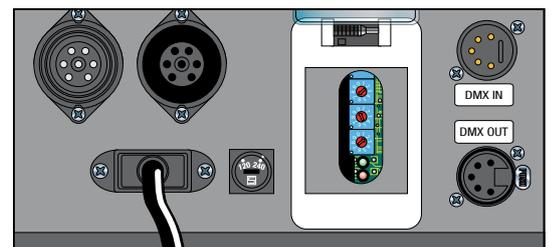
A green status light next to the address selector indicates that the system is ready for DMX triggering.

A red status light indicates a fault (e.g. a DMX cable is not in place).

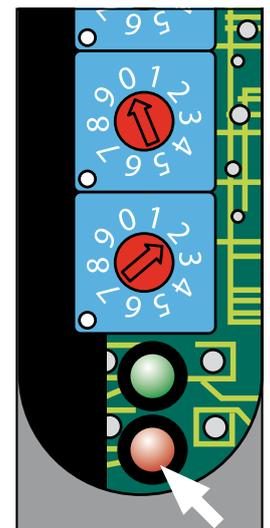
The control unit is only a single channel DMX interface. Multiple circuits can not be fired independently via multiple DMX channels. The individual channel must be selected (turned on) to fire via DMX.

A minimum of 70% is required for DMX firing.

Should there be a DMX fault, the fire button on the control unit remains active for manual firing.



3

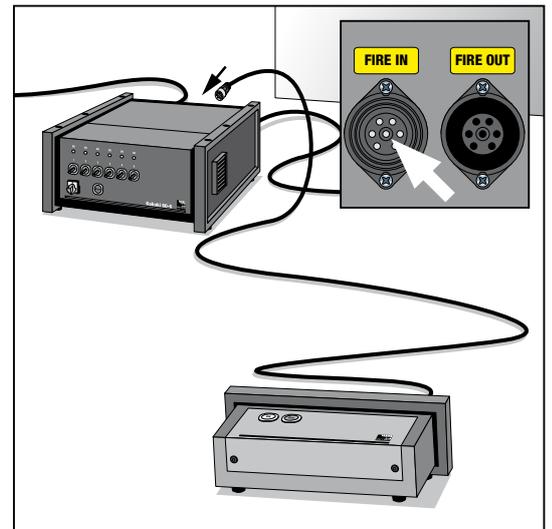


4

2.2 Assembling the KABUKI-System

8. Step

A second control unit can be plugged into the back of a control unit, when needed.



9. Step

Curtain Attachment Methods

Picture 1

Hemstitch with Kederschlauch* - method for stretched textiles without grommets.

Picture 2

Carbine – method for heavy curtains and loads.

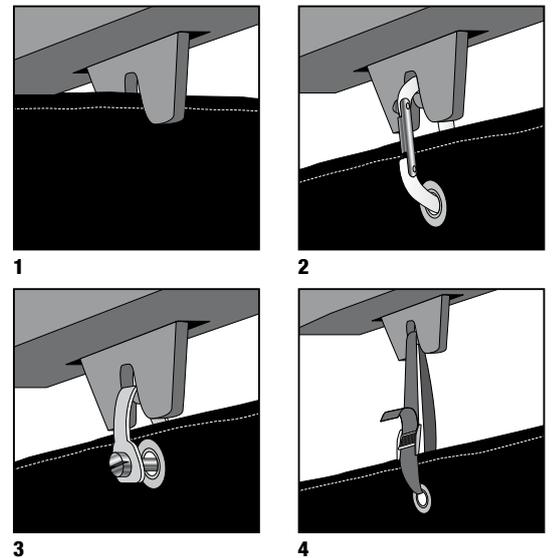
Picture 3

Shackle – another method for heavy curtains and loads.

Picture 4

Adjustable strap – method for adjusting height / length.

**Special type of stable tubing located in the hem with no known American equivalent.*



2.2 Assembling the KABUKI-System

10. Step

While hanging the material which is to be released, ensure that the hook mechanism on the release unit is properly engaged.

Picture 1

Be sure to push the hook on the release unit sharply upwards with a tool such as a screwdriver after hanging the curtain attachment.

Picture 2

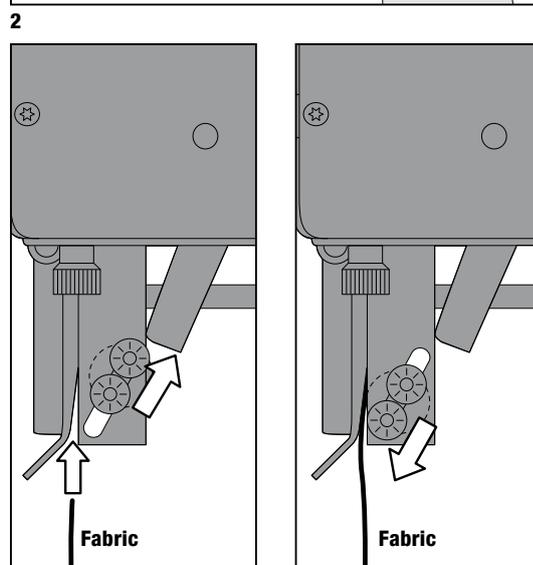
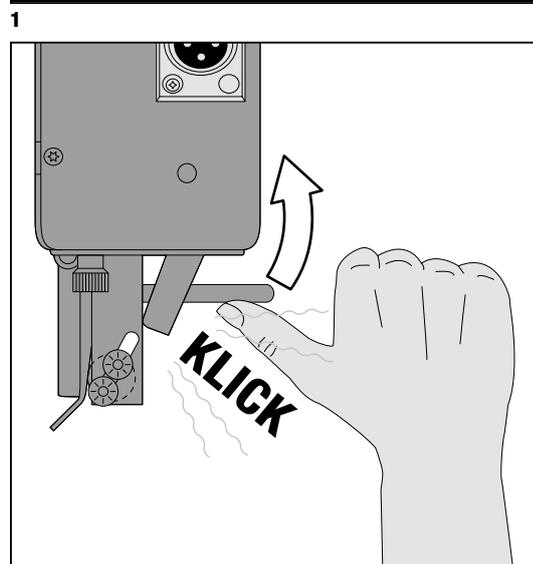
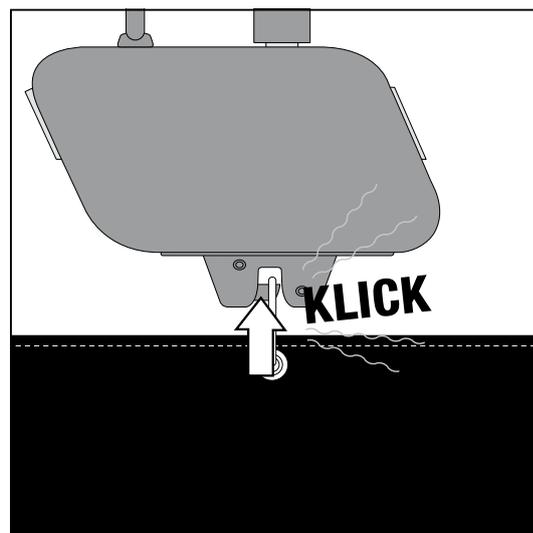
When using the optional fabric clamp, close it forcefully first and then insert the material between the clamping plate and roller.

Picture 3

The wedge roller can be pushed upwards to widen the space between the back plate and roller.

Picture 4

After inserting the material, push the wedge roller downwards to fasten it.

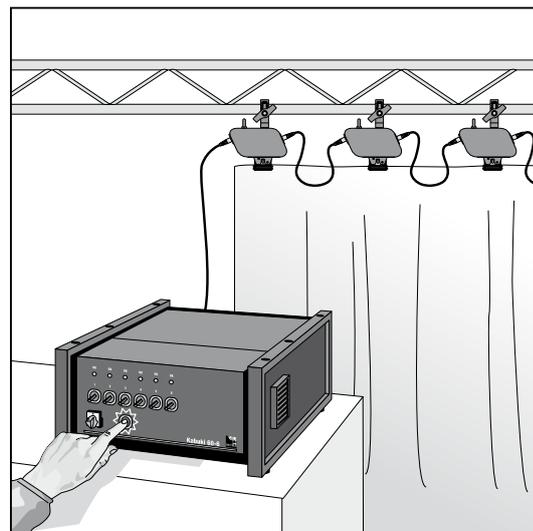


3 4

2.2 Assembling the KABUKI-System

11. Step

After turning on the power and selecting the circuits for release, the system is ready for operation with either the manual fire button, remote fire button or via DMX.



3 Trouble Shooting

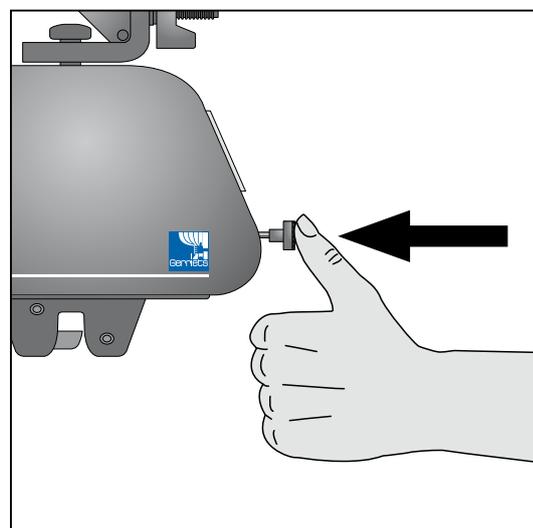
3.1 Resetting the Release Unit

Resetting the Release Unit

In case a release unit hook does not engage back into the closed position (clicking sound) after releasing, push the reset lever in.

Please note: A forceful push may be necessary to reset the unit.

The release mechanism can be triggered manually by pulling the reset lever.



4.1 Electric Power Hazards

Work on the system's power supply may only be carried out by qualified electrical technicians.

The electrical parts of the system relevant to safety (e.g. fuses) are to be checked at regular intervals.

4.2 Constructional Modification

No changes, alterations or additions may be made to the system or any of its parts without the permission of the manufacturer. All modifications require written approval from the company **Gerriets GmbH**.

Only original replacement parts are permitted for use.

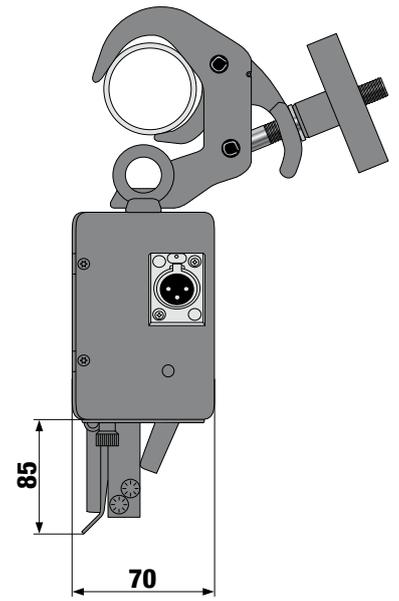
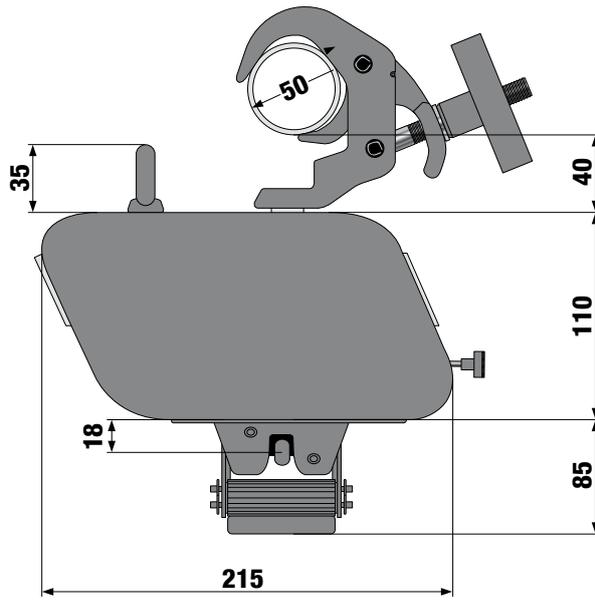
Copyright of this operation manual remains with the holder:

Fa. Gerriets GmbH
Im Kirchenhürstle 5-7
D 79224 Umkirch

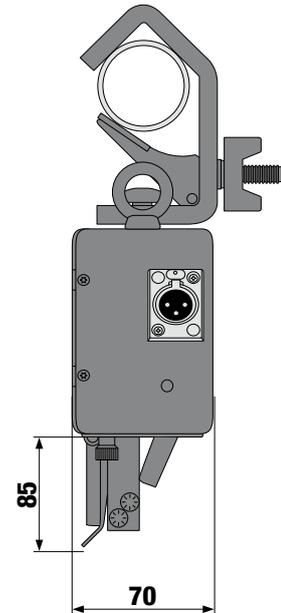
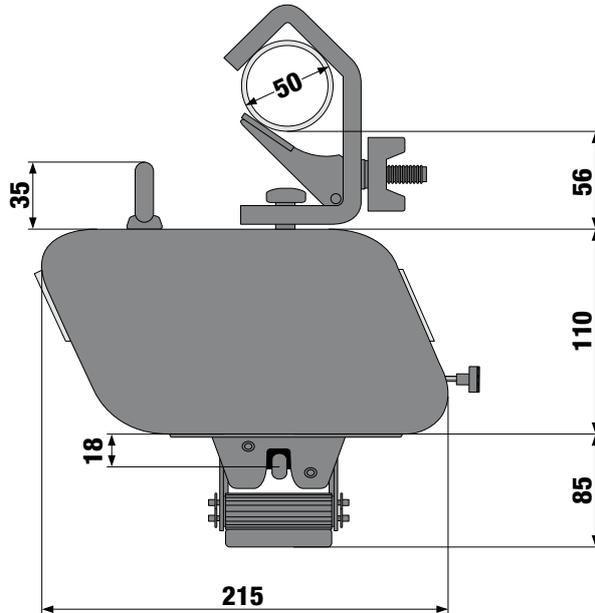
This instruction manual is intended only for the user/operator and their personnel.

5.1 KABUKI G2

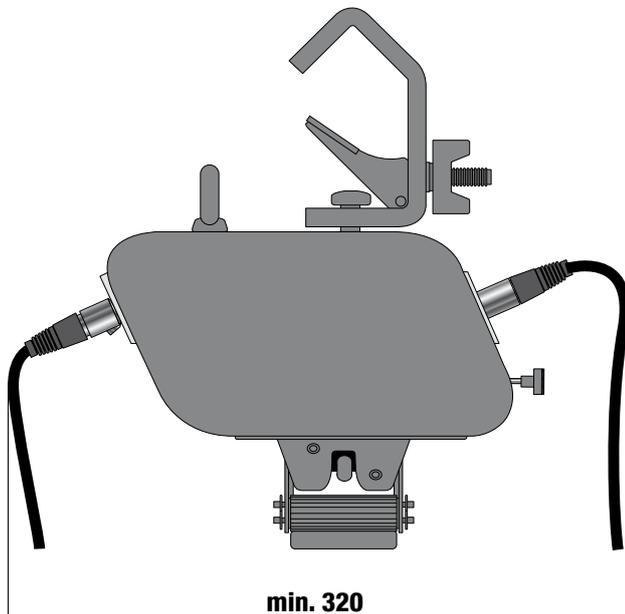
Version with Doughty-HD-Trigger-Clamp and fabric clamp



Version with hook clamp and fabric clamp



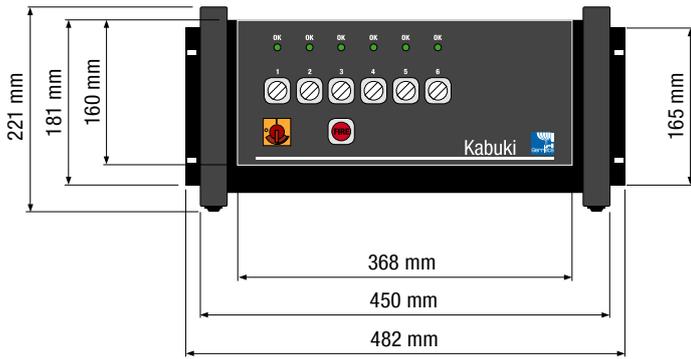
Release unit with cable



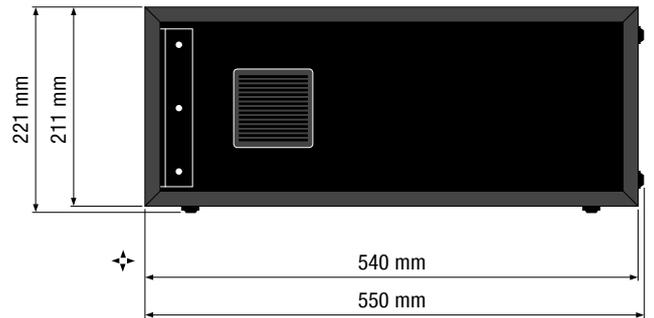
dimensions in mm

5.1 G-FRAME 54

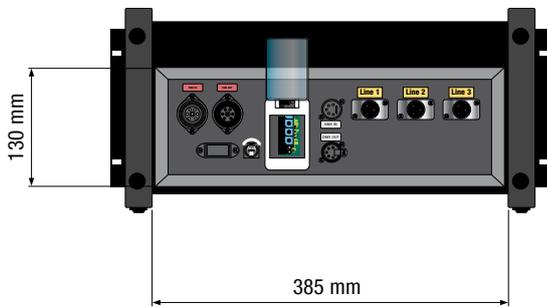
Front view



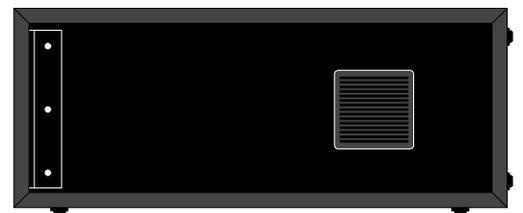
Side view



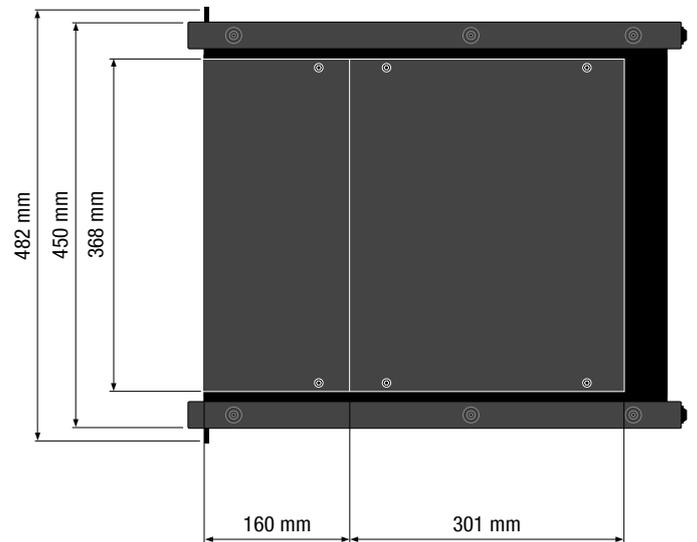
Back view



Side view



Top view



Business hours	Monday - Thursday	8.00 a.m. -12.00 a.m. 1.00 p.m. - 5.00 p.m.
	Friday	8.00 a.m. -12.00 a.m. 1.00 p.m. - 3.30 p.m.
	You can reach our telephone switchboard on weekdays from	
	8.00 a.m. - 6.00 p.m.	
Outside normal business hours, please leave a message and we will get back to you the next business day.		
Address	Shipping address	GERRIETS GmbH Bühnenbedarf Im Kirchenhürstle 5 - 7 D-79224 Umkirch
	Mail address	GERRIETS GmbH Bühnenbedarf Postfach 1154 D-79220 Umkirch
Phone numbers	Telephone switchboard	07665 - 960 0
	Sales	07665 - 960 115
	Technical questions	07665 - 960 522
	Shipping	07665 - 960 126
	Accounting	07665 - 960 170
Fax numbers	Telephone switchboard	07665 - 960 125
	Technical questions	07665 - 960 525
Online	Internet	www.gerriets.com
	e-mail	info@gerriets.com
Commercial register, Freiburg		HRB-Nr. 2678
Tax number		142191543
Managing Directors		Walter Gerriets Hannes Gerriets Bernd Baumeister
		DTHG and ITI member

Gerriets GmbH
 Im Kirchenhürstle 5-7
 D-79224 Umkirch
 ☎ +49 7665 960-0
 ☎ +49 7665 960-125
 info@gerriets.com

Gerriets S. A. R. L.
 Rue du Pourquoi Pas
 F-68600 Volgelsheim
 ☎ +33 3 89 22 70 22
 ☎ +33 3 89 22 70 50
 gerriets@gerriets.com

Gerriets International Inc.
 130 Winterwood Avenue
 Ewing NJ 08638, USA
 ☎ +1 609 758-9121
 ☎ +1 609 758-9596
 mail@gi-info.com

Gerriets Great Britain Ltd.
 18 Verney Road
 London SE16 3DH, UK
 ☎ +44 20 7639 7704
 ☎ +44 20 7732 5760
 general@gerriets.co.uk

Gerriets Handel GmbH
 Gorskistraße 8
 A-1230 Wien
 ☎ +43 1 6000 600-0
 ☎ +43 1 6032 585
 verkauf@gerriets.at

Gerriets España S. L.
 Pol. Ind. Arroyo Buzanca
 Avda. de Las Moreras
 Sector S-19 B, Naves 1-2-3
 E-28350 Ciempozuelos, Madrid
 ☎ +34 91 134 5022
 ☎ +34 91 134 5084
 gerriets.spain@gmail.com

Gerriets Italia
 Risam for show
 Viale Spagna 150 / B
 I-20093 Cologno Monzese (MI)
 ☎ +39 02 2532 113
 ☎ +39 02 2532 130
 info@risamforshow.com

Gerriets Belgique
 Distribué par :
 Gerriets S. A. R. L.
 Rue du Pourquoi Pas
 F-68600 Volgelsheim
 ☎ +33 3 89 22 70 22
 ☎ +33 3 89 22 70 50
 gerriets@gerriets.com

Gerriets Nederland
 Anthony Fokkerweg 3
 NL-1059 CM Amsterdam
 ☎ +31 20-40 82 553
 ☎ +31 20-40 82 662
 info@gerriets.nl

Gerriets Hellas
 Stage Art EPE
 Stournari 27B
 GR-10682 Athens
 ☎ +30 210 3836 715
 ☎ +30 210 3811 929
 info@gerriets.gr

Gerriets Turkey
 Benart Ses Isik-ASC Is Merkezi
 Mahmut Sevket Pasa Mahallesi
 Piyale Pasa Bulvari
 Baran Sk No: 4 Kat: 3 Zemin Kat
 TR-34384 Okmeydani-Sisli-Istanbul
 ☎ +90 212 254 33 43
 ☎ +90 212 254 33 53
 benart@benart.net

Gerriets Korea
 4F 449-4 Seongnae-dong
 Gangdong-gu, Seoul
 Korea 134-030
 ☎ +82 2 477 7713
 ☎ +82 2 477 1490
 info@gerriets.co.kr

www.gerriets.com

