Remote Mast
Motorized Microphone Stands

Installation and Operation Manual

Wired

RF (Radio)

RM

**www.Remote-Mast.com**

Caution

This RM stand has been intentionally packaged very tightly to protect it during shipment.

After removing the small accessories box, slide out the top protective cardboard tube & partition .

TO REMOVE <u>DO NOT</u> PULL ON THE UPPER MAST!!

This portion should never be used to move the stand. This may result in damage to the motor and will void the warranty.

**PULL THE STAND OUT BY GRIPPING THE LARGE LOWER HOUSING ONLY!**
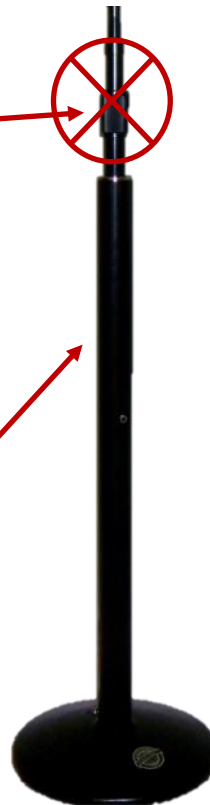
Operating Your Remote Mast

- <u>Initial Setup</u>: Using the controller, run the stand to lowest height. Then using the manual adjustments adjust microphone for your shortest speaker. This allows for 12" of vertical adjustment for taller speakers.

- Stands are built with 12" of motorized travel. Take care to let off the switch when limit is reached. *(Continuing to push the switch when the stand is at its lowest or highest limit will eventually damage the inner flexible coupling and is not covered under the warranty)*

- When *moving* the stand, take care not to grip it by this portion. Lifting by this portion can damage the inner coupling. Please handle by the area indicated on the stand.

- To minimize noise, adjust height before you turn on the microphone.

- If using our battery pack, make sure to switch to the ON position while charging.

info@futureswiss.com
860-507-9292
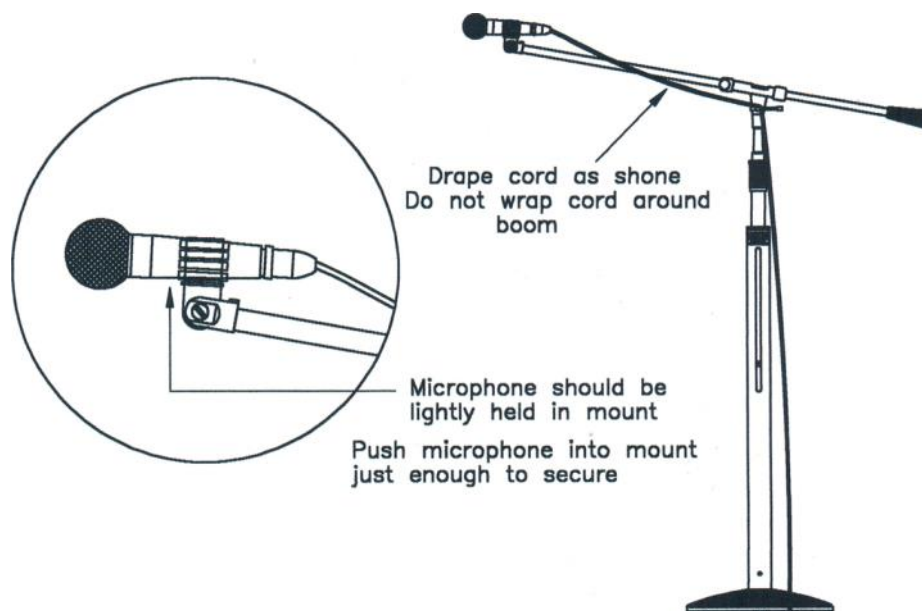www.Remote-Mast.com
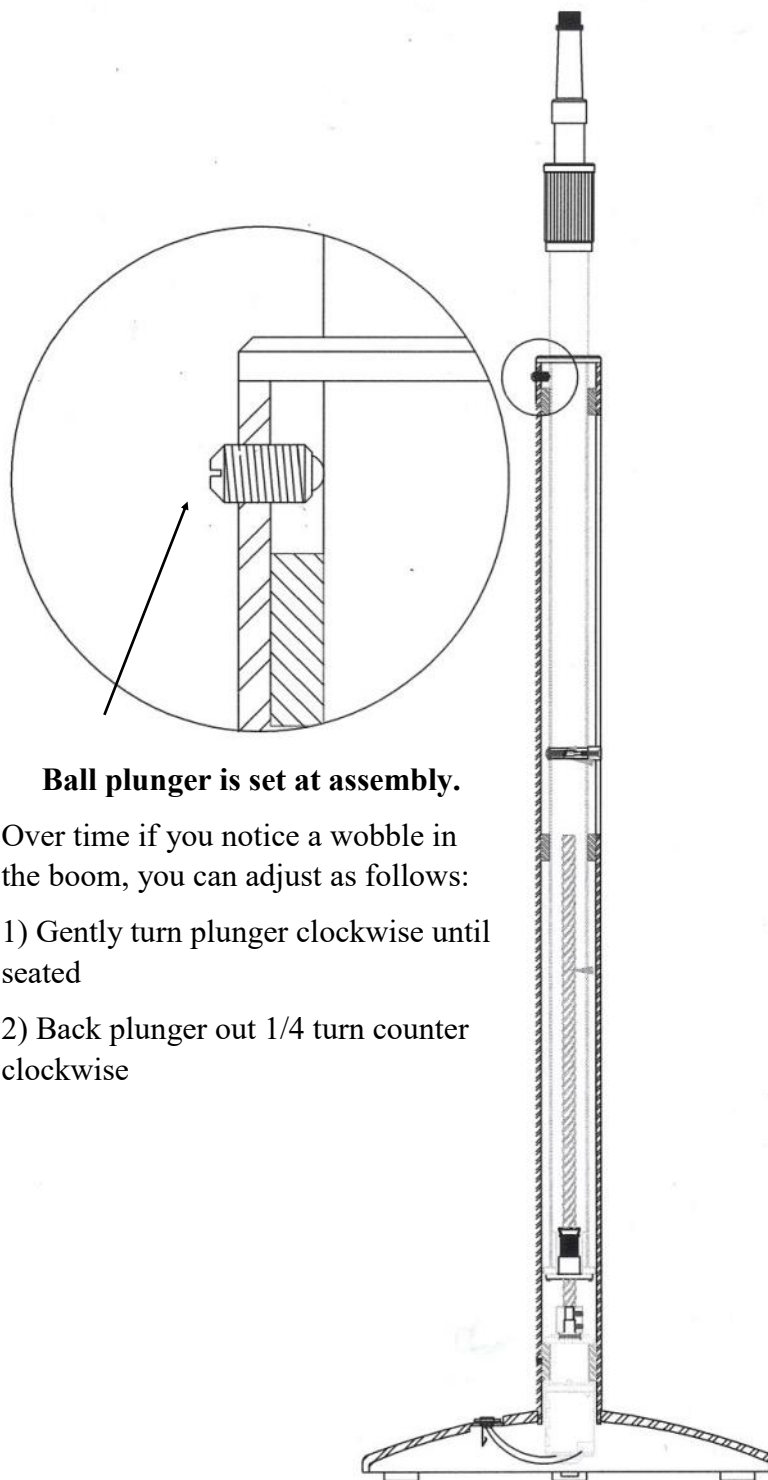
Ball plunger is set at assembly.

Over time if you notice a wobble in the boom, you can adjust as follows:

1) Gently turn plunger clockwise until seated

2) Back plunger out 1/4 turn counter clockwise

SUGGESTIONS FOR Less Motion NOISE

ALWAYS USE A Rubberized
SHOCK MOUNT

Some motor sound is normal, however these suggestions will prevent motion
noise from being amplified over system

Drape cord as shone
Do not wrap cord around
boom

Microphone should be
lightly held in mount

Push microphone into mount
just enough to secure

Suggestions for Installation in Auditorium   For Wired Stands

Route a two conductor shielded wire 18ga from rear of auditorium or from stage wings. In new construction when installing speaker wire, route an extra wire for this purpose.

* An unused preexisting microphone wire may be used

Buildings with concrete slab construction will need to be wired through ceiling space.

1/4" plug (supplied) is installed here to connect the control unit.

Install a cover plate with 1/4 inch jack (supplied) in stage floor. Coiled extention cord (supplied) will connect to the stand from here.

Where building construction allows wire can be routed under the floor.

Sound Cabinet

12V DC Power Supply

Stage Floor

Control Box for Wired Stands

- **Insert the Power Supply <u>DC plug</u> into the(PS) jack for Power IN.**

- **Connect 2 wires from stage (Mic Stand) to grey and orange connector.**

- **Insert the wire with the <u>1/4 Plug</u> into the(OUT) jack for Power OUT.**

- **Press power button to turn on (Blue Light)**

- **The top Arrow should be for running the stand up and the bottom Arrow for Down. If this is not the case reverse wires at the grey and orange connector.**

CAUTION—Continuing to press the rocker switch when stand is at its highest or lowest limit may eventually damage the flexible coupling between the motor and drive screw. Release the switch at the limits of travel.

Wireless Installation: RF or Bluetooth Models

Receiver

Mount Receiver under the Lectern with wood screws.

Route (2) wires down back side of one of the front legs of Lectern. Use wire clips.

Plug-in the Wire (out) with 1/4 Plug into Stands 1/4 Jack.

12V Power Supply

110 Recepticle
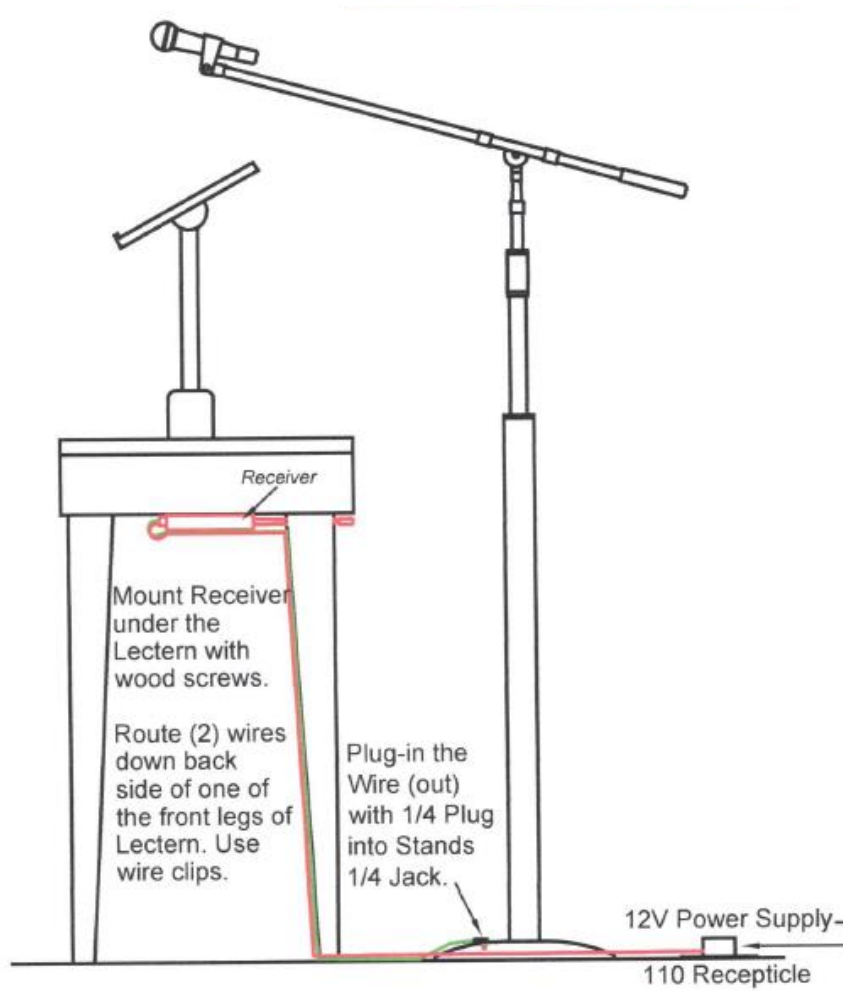
Installation of RM Wireless System for use with RM Model KH Standard and for upgrading older wired RM systems to wireless

To upgrade to Wireless using existing wire from the sound cabinet to the stage, place the Receiver on the wall here 5-6ft from floor, attach Power Supply and the wire out to the stand to the Receiver.

Route a (2) conducter wire under stage floor from the Receiver over to a floor plate in center front of stage

5-6 ft from floor

Place Wirelees Receiver here near 110 outlet
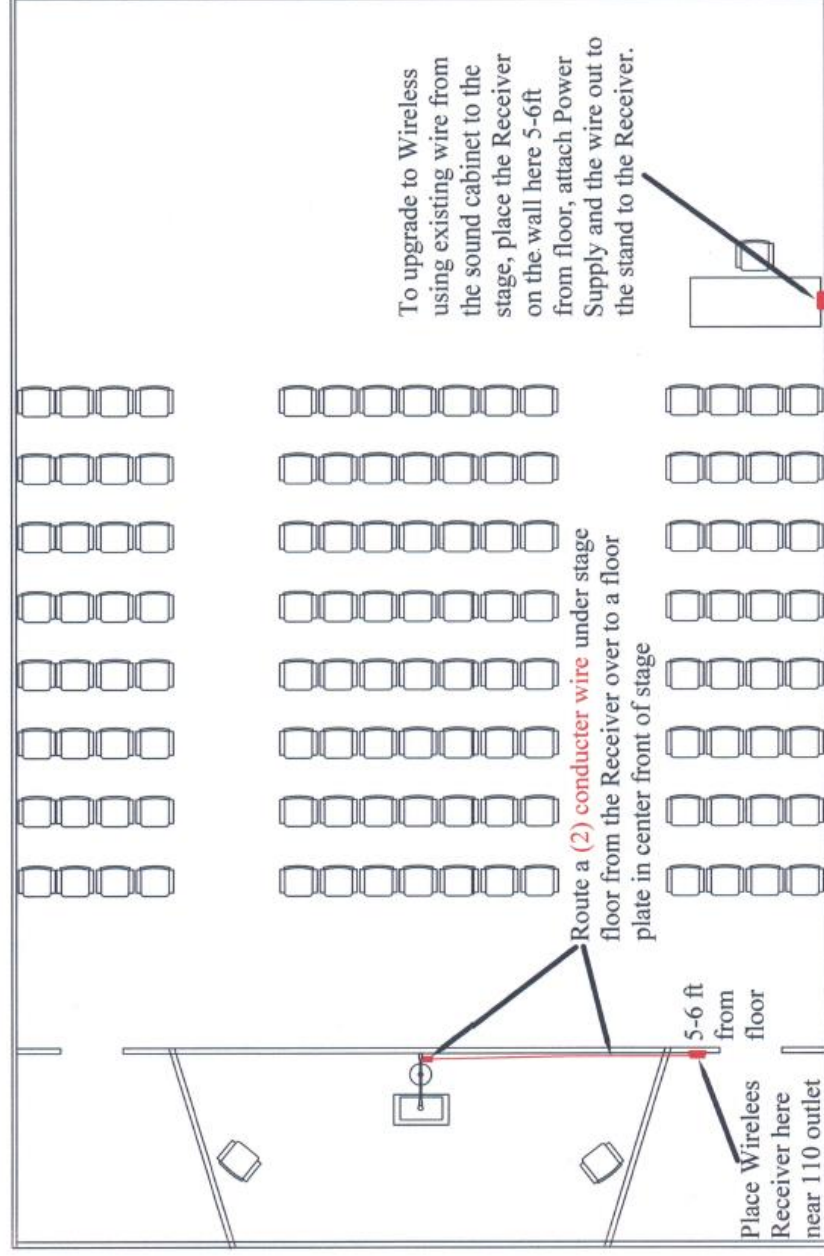
TCB

GRANT OF EQUIPMENT AUTHORIZATION

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

TCB

British Approvals Board for
Telecommunications (BA
Balfour House Churchfield Road
Walton-on-Thames, Surrey, KT12
2TD
United Kingdom

Date of Grant: 08/12/2008

Application Dated: 08/12/2008

RF Solutions Ltd.
Unit 21, Cliffe Industrial Estate,
South Street
Lewes, East Sussex, BN8 6JL
United Kingdom

Attention: John Fairall , Director

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named
GRANTEE, and is VALID ONLY for the equipment identified hereon for
use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: P9OFIRE001
Name of Grantee: RF Solutions Ltd.
Equipment Class: Part 15 Security/Remote Control
Transmitter
Notes: Handheld 8-button Remote Control
Transmitter

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	15.231	433.92 - 433.92	0.004		

Output power is ERP. This device and its antenna(s) must not be co-located
or operated in conjunction with any antenna or transmitter not described
under this FCC id.

RF (Radio Frequency) Controller System

RF Transmitter Range is approx. 100-150ft or 30-50meters

Optional magnet included for mounting option

Newer designs may vary slightly than pictured.

Please contact us if you have any questions about the use of the RF system.
info@futureswiss.com
860-507-9292

Remote Mast™ Warranty

To the original purchaser, we warranty this **Remote Mast** remote controlled microphone stand to operate correctly and efficiently raise or lower a microphone in a vertical plain or horizontal plain as applicable. If at any time within **Two Years** after date of purchase it should develop any defect *traceable to faulty workmanship or defective parts or materials*, we agree to repair or replace the defective parts without cost to the registered purchaser. This includes Stand, Manual Controller and Power Supply.

Shipping of stand is the responsibility of registered owner. This warranty does not cover normal wear of parts or materials or damage due to voltage surge, lighting surge, improper setup or misuse of product. We reserve the right to determine the nature of any failure.

Remote Mast Products *div of Futureswiss International*

Purchase Date:

Model:

Serial Number:

Futureswiss International LLC
139 Center St
Bldg 30 Unit 1
Bristol, CT 06010

info@futureswiss.com
860-507-9292

When calling or emailing in reference to a problem please have your model and serial number available. *Serial number is located under the base of the stand.*

www.Remote-Mast.com