

Swivel Bracket

Operator's Manual

Table of Contents

Warning	3
Important Safety Instructions:	3
Safety Precautions	3
Technical Specifications	4
The Swivel Bracket	5
Operation Modes	6
DMX Operation	6
Local Operation Modes	6
Warranty	7
Contact Information	7

Note: Please read entire manual before operating the swivel bracket



Warning

Important Safety Instructions:

1. This device is intended for indoor use. It is designed to rotate effects machine to provide greater coverage.
2. Use two mounting clamps and safety cables/chains to secure the rotator and its load.
3. Use only approved rigging equipment to secure the rotator and the load.
4. Exceeding the load rating may cause failure of the equipment.
5. Do not modify the equipment or remove the cover.
6. Allow sufficient space for air circulation around the chassis.
7. Ensure there is sufficient room for the safe rotation of the attached equipment.
8. It is the responsibility of the user to address any local restrictions concerning the use of the Rotator.
9. Do not leave the equipment unattended while in use.
10. Never use this product for any purpose other than its intended use.

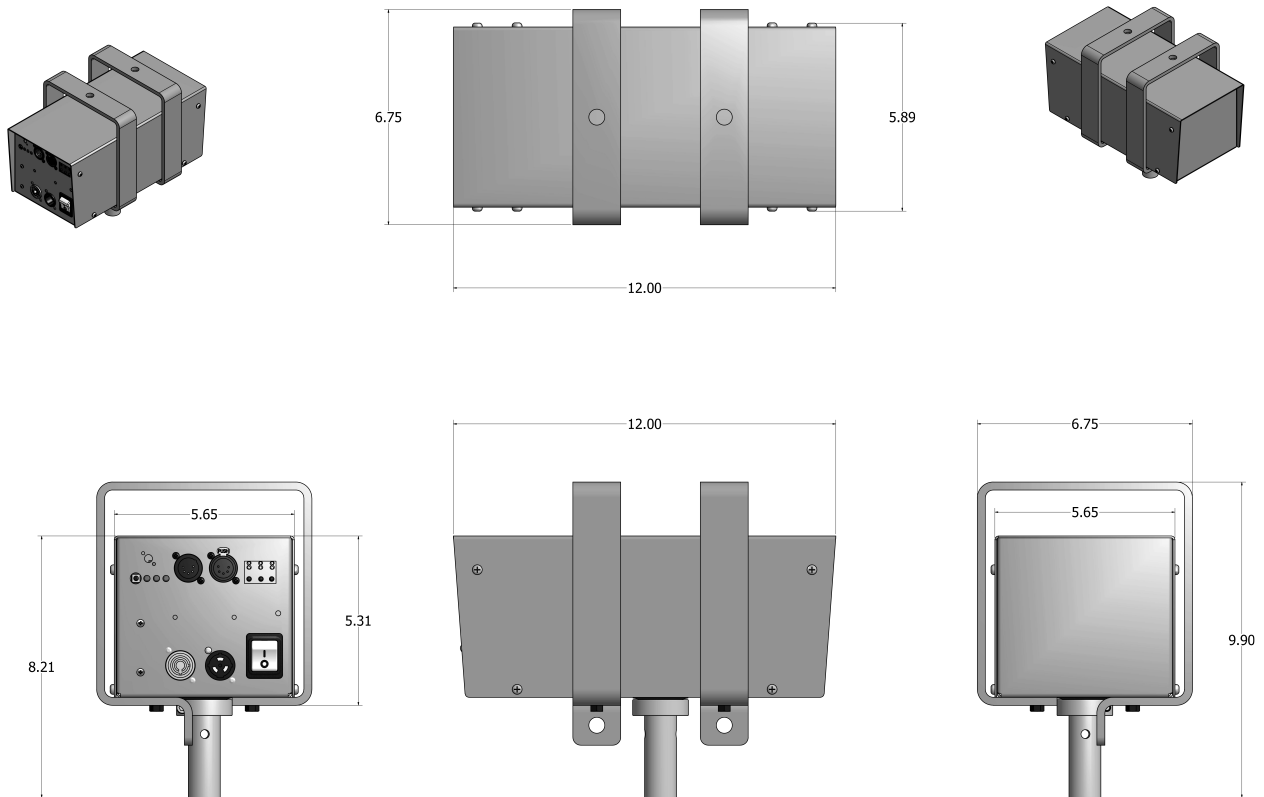
Safety Precautions

1. To reduce the risk of electric shock or injury use indoors only.
2. To reduce the risk of electric shock, do not expose to wet environments.

Technical Specifications

Model:	Swivel Bracket	
Length:	12in	30.48cm
Width:	6.75in	17.15cm
Height:	9.90in	25.15cm
Weight:	19.90lb	9kg
Operating Voltage:	120v to 230v	
Maximum Load Weight:	100lbs	45.4 Kg

Technical Drawings:



The Swivel Bracket

The Swivel bracket was designed to maximize the distribution of fog, snow, or bubbles. It has a load capacity of 100lb/45kg with a rotational swing of 90 degrees. Maximum rotational speed is of 8 rpms. This unit operates from 120 to 230 volts. Power is supplied with a Neutrik Powercon cord set and is protected by a circuit breaker equipped power switch. The Swivel Bracket is manufactured with heavy duty tapered thrust bearings and the metal chassis is coated with a durable black powder finish.

The Dual Hanging Mounts provide a secure and safe method to fasten onto any truss rigging. It is equipped with DMX/RDM capabilities and a built in DMX LED display. Local control of the rotational speed and auxiliary port can be adjusted by using the alternate addressing of the DMX LED display.

An auxiliary power outlet rated at 8 amperes is switched by the second DMX channel when over 50%.



Operation Modes

To operate the Swivel Bracket 90 Degree Rotator DMX, please see the following settings below:

DMX Operation

- 1) Connect Swivel Bracket 90 Degree Rotator DMX power cord to appropriate power source
- 2) Connect DMX cable to Swivel Bracket 90 Degree Rotator DMX in XLR.
- 3) Turn main power switch to ON
- 4) Set desired DMX address using the selector buttons underneath the DMX address window
- 5) When unit is receiving DMX the red Valid DMX LED will be ON solid.
- 6) Adjust the base DMX address from 0 -100% to change the speed of the rotation Note: a minimum DMX level of 30% may be required to get the Swivel / load moving. This will be weight dependant and may increase a little as the weight of the load increases.
- 7) Adjusting the next channel (DMX +1) over 50% turns on the auxiliary outlet.

Local Operation Modes

- 1) Connect Swivel Bracket 90 Degree Rotator DMX power cord to appropriate power source
- 2) Turn main power switch to ON.
- 3) Setting DMX Address on Swivel Bracket to 600 – 699 to adjust the rotation speed.(Note: There is a 5 second delay which will then turn ON the Auxiliary power out port)
- 4) Setting DMX Address on Swivel Bracket to 700 – 799 to adjust the rotation speed only (Note: Auxiliary power out port will not turn ON at all)
- 5) Setting DMX Address on Swivel Bracket to 800 - 899 to adjust the rotation speed (Note: Auxiliary power out port will turn ON right away)

Note:

- A minimum level of 30% for all settings above may be required to get the Swivel / load moving. This will be weight dependant and may increase a little as the weight of the load increases
- The Auxiliary Power Out Port – a maximum current load of 8A can be connected or power switch breaker will trip off.
- The small hole in the shaft side of the Swivel is for placing a metal rod / screwdriver to hold the shaft bolt which holds the rotating machines bracket.

Warranty

Warranty:	Hardware products come with a one year warranty on parts and labor. Unless stated otherwise, this will refer to manufacturer defects only. All warranty is based on destination of the original sale. Any additional costs incurred are the responsibility of the Dealer and/ or the customer. Abuse or poor maintenance is not accepted. Proof of purchase or proof of sale must always accompany all warranty returns. An RA (Return Authorization) number must be noted on the outside of each box being returned to our facility. Any package(s) without an RA number clearly marked, will not be accepted by our receiving department. Freight on warranty items are freight prepaid to our facility and we will prepay freight back to your facility following repair. This will be done by the most economical means available. Should you require the item express-returned, the dealer is responsible for request indication and any difference in freight cost. Export Distributors are required to carry out the warranty repair, parts will be supplied by Ultratec.
Return Policy:	Return of any product must be done within 30 days of purchase. The package must be returned freight prepaid and the RA number clearly marked on the outside of the box.
Warning:	Ultratec Special Effects considers all of it's product to be safe for use in the application it was intended. Ultratec Special Effects takes no responsibility for misuse or incorrect use. Always refer to the Product Manual for proper use.

Contact Information

Head Office

Ultratec Special Effects
1960 Blue Heron Drive
London, Ontario N6H 5L9

Direct: 519-659-7972
Toll Free: 866-534-5557
Fax: 519-659-7713

Europe Office

Ultratec Special Effects GmbH
Dieselstrasse 30-40
60314
Frankfurt am Main
Germany

Direct: 49-69-87-000-1850
Fax: 49-69-87-000-1899

Canadian Shipping Address

(For All Canadian Repairs)
Ultratec Special Effects
1960 Blue Heron Drive
London, Ontario N6H 5L9

USA Shipping Address

(For All USA Repairs)
Ultratec Special Effects
640 Gadson Street
Groveland, Florida 34736

Please remember to include the **RA Number on all items being shipped for repairs.**

To retrieve an RA Number visit www.ultratecfx.com and click on the "Service" section. Then click on "Return Authorization Request" which is located on the left hand side of the page.

If you have any questions or require assistance please contact service at 519-951-3357/866-534-5557 or by email at Service@Ultratecfx.com.