

GOBO ROTATORS

GOBO ROTATOR

DHA Gobo Rotators are available to fit a number of profile spotlights enabling a single gobo to be rotated about its centre axis.

B-size Gobo Rotators

Larger Gobo Rotators accept DHA B-size gobos. The gobo – metal or glass – is held in place by a high temperature spring clip. An aluminium retaining ring (catalogue number 'B900 – thick') is also supplied, for use with metal gobos, to hold the gobo firmly in place and reduce distortion through continued use. All B-size Gobo Rotators have attachment points for safety chains or wires.

M-size Gobo Rotators

Rotators to fit the smaller profile units accept M-size or D-size metal gobos which are again held in place by a high temperature spring clip. A stainless steel retaining ring is also required to reduce the gobo distortion (catalogue numbers M900 and D900). All M-size Gobo Rotators have attachment points for safety chains or wires. M-size Gobo Rotators do not take glass gobos.

Motor options

Gobo Rotators can be supplied for 120V AC or 230V AC operation with fixed-speed, reversible, synchronous motors of 0.25, 1, 2, 5 or 10 rpm. Alternatively, a variable-speed 12V DC version is also available for use with a DHA DC Controller.

Lantern Adaptation

Some CCT Silhouette lanterns may need to have spacers fitted between the lamp house and the lens tube to accommodate a gobo rotator. Newer Strand Cantata lanterns need to have their gobo runners adapted in order to accept gobo rotators. Please contact DHA for advice on these simple modifications.

Standard gobo rotators can also be adapted to fit a wider range of lanterns through the use of Rotator Adaptor Plates. See the Rotators Fitting Reference section for details.



ORDERING CODES - EXAMPLES ONLY

RTR 004 / 5 / 230

B-SIZE GOBO ROTATOR FOR CCT FREEDOM, 5RPM, 230V

RTR 006 / V

M-SIZE GOBO ROTATOR FOR TEATRO COMMA, VARISPEED

DOUBLE GOBO ROTATOR

The DHA Double Gobo Rotator for B-size gobos allows two gobos to be independently rotated about their common centre axis.

Operation

The Double Gobo Rotator has two motors requiring two channels of drive – one for each gobo. Thus, **a four-channel DHA DC Controller will power two such units and no splitters are required.** The speeds and directions of the two gobos are totally independent and the bearing arrangement ensures perfect concentric motion.

The Double Gobo Rotator will accept both metal and glass B-size gobos. Like the single Gobo Rotator, the gobos are secured with high temperature spring clips. Two aluminium retaining rings (catalogue number 'B900 – thick') are also supplied for use with metal gobos.

Motor Options

The Double Gobo Rotator is only available with two variable-speed, 12V DC motors for use with a DHA DC Controller.

Focusing Configuration

The mechanism allows the two gobos to be positioned less than 1.5mm apart enabling both to be in sharp focus. When used with metal gobos, this design also allows the retaining rings to be rearranged so as to offer three levels of spacing between the gobos – either to prevent any mechanical interaction between them or for artistic effect. With the gobos spaced well apart it is possible to use one gobo off-focus to 'animate' the other.

Spectacular effects are possible.

Double Gobo Rotators can be used with Rotator Adaptor Plates and all have attachment points for safety chains or wires. They are subject to the same lantern adaptation criteria as the single Gobo Rotator.



ORDERING CODES - EXAMPLES ONLY

RTR 202 / V	DOUBLE GOBO ROTATOR FOR STRAND CANTATA, VARISPEED
RAP 007	ADAPTOR PLATE TO FIT RTR002 TO ROBERT JULIAT 614SX LANTERN

ROTATORS FITTING REFERENCE

GOBO ROTATORS

Unit	Gobo Size	Lantern
RTR002	B	Strand Cantata ¹ , Prelude ² , Optique ¹
RTR003	B	Altman 1KL ⁴ , ETC Source Four
RTR004	B	CCT Silhouette ³ , Project ³ , Freedom Selecon Zoomspot 1200 Lee Colortran Windsor Profile
RTR005	M or D ⁵	CCT Minuette Zero 88 Focus ADB DS54, DW54
RTR006	M or D ⁵	Coemar Accento Teatro Comma
RTR007	B	Altman Shakespeare
RTR008	M or D ⁵	Selecon Acclaim zoomspot
RTR/INDEX		Additional indexing hardware

DOUBLE GOBO ROTATORS

Normally supplied with Varispeed DC motors. Please contact DHA for other options.

Unit	Gobo Size	Lantern
RTR202	2 x B	Strand Cantata ¹ , Prelude ² , Optique ¹
RTR203	2 x B	Altman 1KL ⁴ ETC Source Four
RTR204	2 x B	CCT Silhouette ³ , Project ³ , Freedom Selecon Zoomspot 1200 Lee Colortran Windsor Profile
RTR207	2 x B	Altman Shakespeare
RTR209	2 x B	Robert Juliat Range ⁶
RTRCLOCK	3 x B	ETC Source Four

ROTATOR ADAPTOR PLATES

(adapt standard rotators to fit other lanterns)

Unit	adapts	to fit lantern
RAP001	RTR002 or 202	ADB Europe series
RAP002	RTR002 or 202	Teatro Tratto, Tipo
RAP003	RTR005 or 006	Vision 650W Spotlight Milano Sintesi 650W
RAP004	RTR002 or 202	Strand Alto ⁴ , Cadenza ⁴
RAP005	RTR002 or 202	Vision 1200W Spotlight Milano Sintesi 1200W
RAP006	RTR005 or 006	Selecon Acclaim 650W
RAP007	RTR002 or 202	Robert Juliat 600 series lanterns

1
May require gate adaptor - please contact DHA for details

2
Newer models with sliding gate cover only

3
May require spacer kit (SP/CCT)

4
Unsuitable for extended use due to intense heat at the gobo gate (particularly with 230V lamp)

5
Do not take glass gobos

6
Blackened to maximise optical performance