50X1-HUM





DESCRIPTION AND OPERATING INSTRUCTIONS FOR THE

# Meopton

35 mm SOUND FILM PROJECTOR

STAT

1956

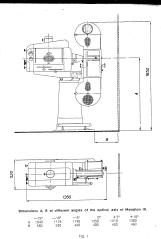
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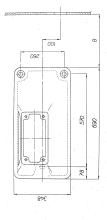
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The projector is driven by a three-phase synchronous motor with an asynchronous start, suitable for \$x20 V or \$x380 V A. C. and \$0 cfs. The output of the motor is \$25 W, \$150 V, p. m. It is connected to the main drive shaft of the soundhead by an elestic clutch.

# Film gate.

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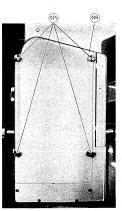
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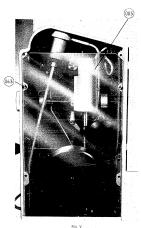


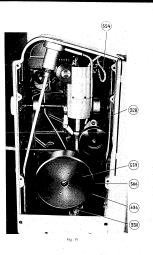


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oil hause leeds screw down the front cover (Fig. 16-94). When installing the arc lamp the head of the machine must be connected in the connected of the machine must be connected in the connected of the country of the connected of the country of t

udjusting the projecting axis.
Follow this procedure:

3 After losseful the style of the base bolts the projector can be laterally ediplated by meson of extractors (Fig. XII-Q69),

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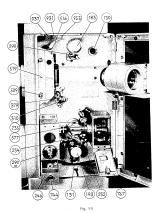
end hering loosened 2 screws (Fig. XV-113) and 2 mis (Fig. XV-113) for means of a special key, (Fig. XV-103) about the projection oxyge from the projection oxyge and the projection oxyge consistency (Fig. XVI-325), adopt the projection oxyge covers (Fig. XVII-325), adopt the projection oxyge covers (Fig. XVII-325), adopt the projection oxyge covers (Fig. XVII-325) by giving the scriber 4 min, so in energy consists to consistency covers to consistency oxyge covers to consistency oxyge covers to consistency oxyge covers (Fig. XVII-325) by giving the scriber 4 min, so the project oxyge covers (Fig. XVII-325) by giving the scriber 4 min, so the project oxyge covers (Fig. XVII-325) by giving the scriber 4 min project (Fig. XVII-325) by givin

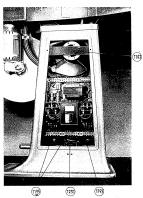
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Current intensity In amperes	Dia. of the positive carbon in mm	Dia. of the negative carbon in mm
30—35 35—40 40—45 45—50	6—7 7—8	4,5 5.—5,5 5,5—6 6.—6,5

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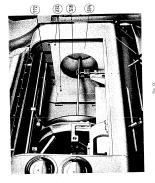
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Striking the air, checking the huming and switching off the lamp.

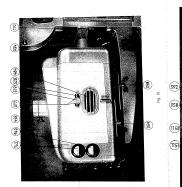
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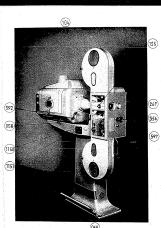
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The automatic carbon teed mechanism is quichesically lurned on and of the property of the prop

	Current Intensity in amperes	Type of carbon	Dia. of positive carbon in mm	Dia. of negative carbon in mm	Colour
	1520	Normal	10	, .	Light blue
	20-25	Normal	11	8	Dark blue
1	30-35	High-intensity	6	4,5	Green
i	40-50	High-intensity	7	6	Red
-				-	
			Dia. of	Dia, of	

Voltage in the arc	Type of carbon	Dia. of positive carbon in mm	Dia, of negative carbon in mm	Colour
29—31	High-intensity	6	4,5	Green
33-36	High-intensity	7 .	6	Red
4852	Normal	10	7	Blue
4852	Normal	11	8	Blue





The lamp house shatter.

The shatter (Fig. 10.513) which shalvy rais of the sight beam is activated by a hastler (Fig. 10.513) which soldies the exchanges of the soldier is an extraction of the shatter (Fig. 10.51) and the minor goald by mosts of a lever geer. Bestous insi, the shatter (Fig. 10.51) and the shatter electrical the projection system electromagness which common the electromagness of the shatter electromagness or so dotte automatically when the electromagness of the shatter electromagness of the sha

The disorbing system.

If the disorbing system is projector is provised with a disorbing device (fig. x1 mol. pop. pool of the projector is provised with a disorbing device (fig. x1 mol. pool of the x1 mol.

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the projector.

Threading the film.

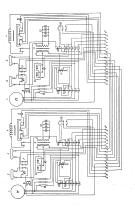
Thread the film into the projector as follows (see Fig.) (XXVI). First open the door of the register insurance and the door of the register of the register insurance and the door of the register of over mogations.

Sign the film relet on the upper mapazine avoid (fig. 2011-77) equipped with a significant cutoff, the bound track made as on the ginn value of the film when contributed points from the upper part of the relet lowester the projection contributed points from the upper part of the relet lowester the projection contributed points from the upper part of the relet lowester the projection contributed provides a contributed provides and contributed and contributed provides and contributed and contributed and contributed contributed provides and cont

# Starting the projector.

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When the art cimp as well as the projector proper have been prepared for operation, according to the previous instructions, proceed to staff the medition. This is done excording to the description which forms part of the Affect starting the mechine uncover the light beam by jurning the handle (Fig. XLI-SVF), as a related of which the start property of the project of the property of the project of the property of the project of the project



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the current circuit of the sound hade extiner temp. (The lamp is lighted only when the empirior is lumined on), after scinning this motion there is always that expert in the control of t

hold beck roles all (III). Which is taken years testion.

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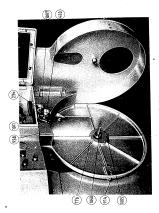
  In principle into operator usually proceeds in the following way:

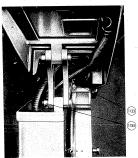
  In principle into operator of the following into operator operator of the following into operator operator

- 7. Turn co me recitifier sevicit and affer about 3 missions where the performance should begin entire the duc, object the position of the carbon following the limits on the projection from wait and make a many properties of the projection from wait and make a many properties of the projection from wait and make a contract of the projection from the contract of the projection and the projection of the contract of the projection and the projection of the contract of the projection of the pr

The end of operation.

When the end of the last of the programme approaches, switch off the acc lamp at a suitable moment (title, etc.) and turn on fully the lights in the eutlorium.





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Turn the emplifier volume control to zero and switch the emplifier over to agramos. After the rest of the film hiss run through the whole projector, stop the machine by pressing the right rad push-buttler. Turn of the rectifier and emplifier switches and the main switch on the switchboard.

# Maintenance of projector.

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Maintenance of projectes.

Changing the oil.

The lindication is done by where of a central pressure system. The circulation is the control of the project of the proje

confriction of the meter.

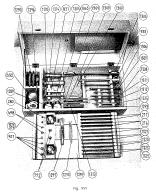
The motor basings, equipped with a wick-oiling system, can be ciled.

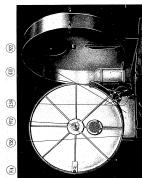
The motor basings, equipped with a wick-oiling system, can be ciled.

The motor basings been removed from the projector head. The cile contained in motor has been removed from the projector head. The ciled contained are contained and contained are contained and contained are contained and contained are contained and contained and contained are contained and contained and contained are contained as a contained and contained and contained are contained as a contained and conta

other the set screw (Fig. XX-1309) under the projector by means of the filling part of the projector by means of the filling part of the control of the cont

the equating size. Higher the industrial sizes (Fig. 10c1), rejuce to over (Fig. 3V-10c) and blacks the local very required to the very





Harried, discounded the scown (Fig., XXXIII.128), remove the phocing rins (Fig. XXIII.128), remove the phocing rins (Fig. XXIII.128), remove the phocing rins (Fig. XXIII.128), remove the rins (Fig. XXIII.128), remove

Cleaning the sound head optical system.

The dust on the sound head optical system must be virged off delay, using a line soil brack Fig. XVI-1729. However, recent remove the optical selection from the soundhead, as their procise obligational night that be distributed.

At this some time chack the exists lamp for cleaniness and readiness for transfer use.

former use.

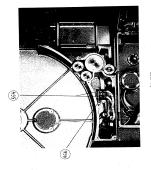
Oiling and cleaning the lamp.

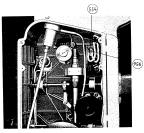
The staff bearings must be indicated about once a menth by introducing a few orders of time bearings in lawing a few point of solidification. The upper spride bearings can be reserved costly, while the lower ones must be identicated through the respective holes (Fig. XXIIII-a, b) in the cover.

The golden meets must sto be labricated about once a must by applying a be larger of backbasing of and great steen oil.

The legislating of shockbasing of and great steen oil.

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Changing the photocell.

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integrationment of this photocolor proper is been entrusted to an expert. Cassing the excitor tamp.

Goes not life Tip 1, 19, 22, 19 the excitor tamp busing and put out the Goes not life Tip 1, 19, 22, 19 the excitor tamp busing and put out the Control tamp and the secret holder forecast in the reverse order south of the control tamp and the bodiest proceed in the reverse order at much ywhich the body is located, provide and order to the appeals in the tamp. The tamp and the secret tamp and the bodiest process of the Charleging the platful and the suttle state.

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Replacing the film gate tension rumers.

The film gate rumners can be changed according to the kind of Illim used. The film gate rumners can be changed according to the kind of Illim used. The replacement is carried out of Depress the rumer, push it upwards and pull if out towards you. Mount new rumer in the limitest order.

# Changing the elastic strut between the motor and the main shaft of the projector head mechanism.

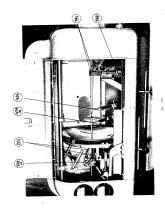
Pull the motor out of the mounting strap (see p. 18 Lubrication of the motor). Remove the used rubber strut (e. g. by means of screw-differ) from the cup on the motor shaft and slip on a new one.

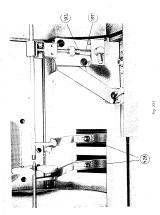
This Cup on the fillow seem may say our a new rows.

And the motor out of the mounting state (see p. 15 labitication of the motor, Aller the motor out of the mounting that a creave (Fig. XXV-939) in the lower magazine lake or the lid (Fig. XXV-1911) or the clamp brackles and disconnect that 4 motor supply-leads. But the selection and be lower reed inform clotch as well as the received and be lower reed inform clotch as the selection of the control of t

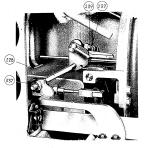
Cuesting the arc lamp mirror.

If ne mirror has to be caused for some reason or other, place the new members of the control of

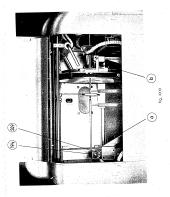




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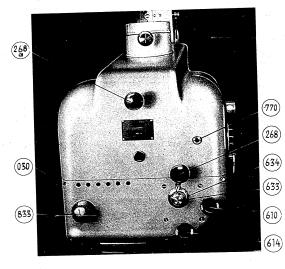
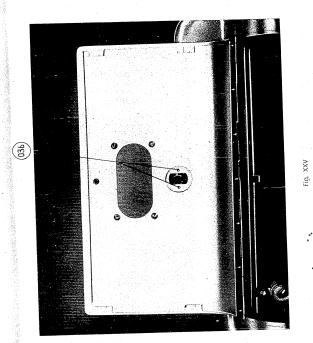
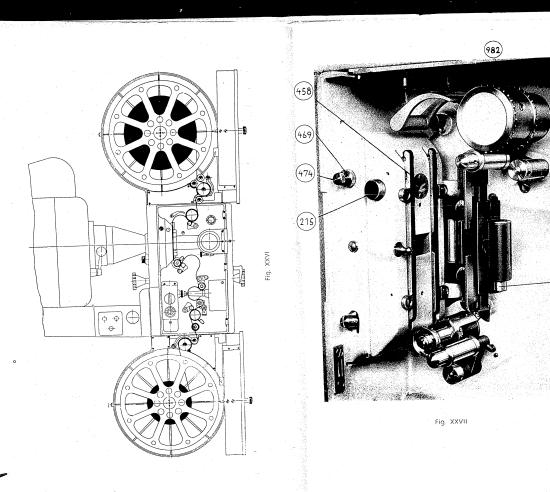


Fig. XXIV





(098) (982) Fig. XXIX 88 (882) Fig. XXVIII

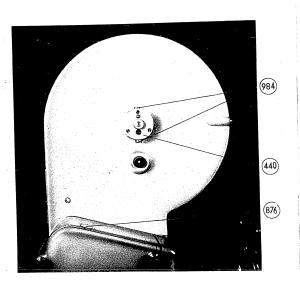


Fig. XXX

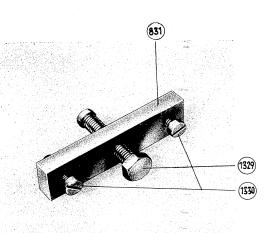


Fig. XXXI

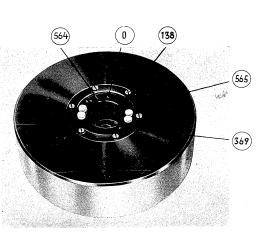


Fig. XXXII

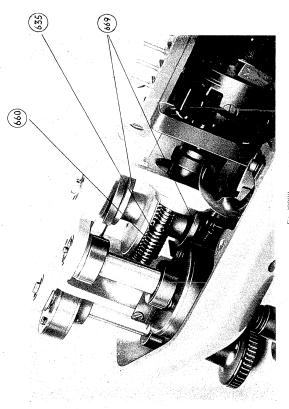


Fig. XXXIII