

NORTH AMERICAN PHILIPS COMPANY, INC.

Norelco
ELECTRONIC PRODUCTS

100 EAST 42nd STREET . NEW YORK 17, N. Y. . PHONE OXFORD 7-3600

PLEASE REPLY TO:

The NORELCO Universal 70/35 mm Motion Picture Projectors about to be installed in your Theatre represent years of intensive research and development by the foremost experts in the United States and Europe. The design incorporates the first major changes in the projection field in many decades as well as anticipated future requirements in the art of motion pictures.

The NORELCO Universal Projector has built an outstanding reputation for dependable performance over a period of five years in more than 300 theatres and has helped to establish the widespread use of 70 mm film.

Its many advantages, including simplified construction and unified design, can only be fully realized by proper installation and use of the equipment. The attached booklet has been prepared to assist you in achieving the best possible, speediest and most economical installation.

May we suggest that you do not divert from the procedures and recommendations contained in this booklet even though apparent minor economies and temporary obstacles make deviation appear attractive. Experience has shown that failure to adhere to the specifications often results in the necessity of redoing a part of the job, resulting in added expense.

You are earnestly requested to study most carefully all of the data supplied and either personally follow through on the execution of the details or appoint a competent, reliable representative to do so. Proper installation is important, and it is only by approaching the task in a systematic and thorough fashion that a satisfactory and economical job can be attained.

You or the dealer from whom you purchased your equipment are invited to contact us should you have any questions or problems, either before or during the installation.

Yours very truly,
NORTH AMERICAN PHILIPS COMPANY, INC.

FJP/bl
Attachment

Fred J. Pfeiff, Technical Manager
Motion Picture Equipment Division

NORTH AMERICAN PHILIPS COMPANY, INC.
100 East 42nd Street, New York 17, N.Y.

NORELCO UNIVERSAL 70/35 MM MOTION PICTURE PROJECTION EQUIPMENT

FOR A 2-MACHINE INSTALLATION

2 EACH

NORELCO Universal 70/35 mm Motion Picture Projector, complete with base, arclamp bracket, upper and lower magazines, 24- and 30-FPS drive motors, 4" eccentric lens adapter, magnetic sound head with 10 track magnetic pickup head, optical sound head, complete 35 mm conversion kit in oak storage case, one operating spare parts kit per pair, one instruction manual and parts catalog.

The above consisting of and packed as follows:

2 EACH

CASE #1: Lower base with leveling screws and plumbing.

CASE #2: Upper base, lower magazine and takeup drive assembly complete with wiring, plumbing and optical preamplifier with exciter lamp and photocell and dowsor power supply filter assembly.

CASE #3: Projector head complete with built-in magnetic sound head - less lens bracket, door, hinges and optical sound head.

CASE #4: Upper magazine.

CASE #5: Arclamp bracket.

CASE #6: Motor drive assembly, 30- and 24-FPS.

CASE #7: Door for projector head.

CASE #8: Set accessories for projector head, including 35 mm conversion parts in oak storage case, #3141 eccentric lens adapter (4" I.D.), lens bracket, hinges, magnetic flywheels, magnetic cluster and optical sound head.

1 EACH

CASE #8a: One #3130 operating spare parts kit, per attached list.

CATALOG #3130, OPERATING SPARE PARTS KIT FOR NORELCO
UNIVERSAL 70/35 MM MOTION PICTURE PROJECTOR

<u>QUANTITY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
2	3130-11	Studs for align top motor
1	3030-123	Rectifier Dowser AFDG
1	3063-2M	Capacitor, start
1	3130	Allen Wrench Set (5/64, 3/32, 5/32, 7/32, 1/4, 5/16)
1	3130-7	Socket Wrench Screwdriver handle 9" (35 mm conversion)
1	3051	Tube - 6J7
1	3052	Photocell RCA 918
1	3053	Exciter Lamp 9V4A - Pre-focused base
1	3065	Belt - Gilmer Timing 270L-050
10	3030-159	Lamp GE 55
1	3131	Shell Turbo #33 Projector Oil - 1 Gallon
1	3063-3	Run Capacitor
1	3030-22	Micro Switch
2	P5-635-21	70 mm Pad Roller (Nylon)
2	P5-635-22	35 mm Pad Roller (Nylon)
1	3030-16	Felt Disc
1	C1-605-48	Leaf Spring
1	3130-10	Wrench Socket for lower motor cap screws

NORELCO UNIVERSAL 70/35 MM MOTION PICTURE PROJECTOR

WEIGHTS & DIMENSIONS OF CASES

		<u>INCHES</u>			<u>LBS.</u>
		<u>H</u>	<u>W</u>	<u>D</u>	
CASE #1	Lower Base	48	x 26	x 23	276
CASE #2	Upper Base	33	x 31	x 21	346
CASE #3	Projector Head	36	x 27	x 25	374
CASE #4	Upper Magazine	31	x 31	x 17	130
CASE #5	Arc Lamp Bracket	41	x 18	x 18	150
CASE #6	Motor Drive Assembly	24	x 22	x 16	127
CASE #7	Door	31	x 29	x 12	60
CASE #8	Misc. Assemblies	29	x 27	x 26	228
CASE #8A	Spare Parts	14	x 14	x 10	17
TOTAL WEIGHT CASES #1 THROUGH #8 -					1,691
TOTAL WEIGHT OF TWO PROJECTORS, OR, A COMPLETE NORELCO PACKAGE -					3,382

ACCESSORIES SUPPLIED BY THE NORELCO THEATRE SUPPLY DEALER

The 70 mm film handling accessories required are:

1. Four Goldberg 70 mm reels, 22 inches diameter.
2. Neumade rewind table, complete with built-in motorized rewinds, enclosed motor, foot control, etc., two utility drawers; finished in olive gray enamel baked on; approximate size of table 65" x 30" x 36" high.
3. One pair Neumade Dynamic 70 mm hand rewinds, ball-bearing, both ends geared, one with ana brake.
4. One Neuscope 70 mm splicer.
5. Three 3-section approved storage cabinets with hollow wall construction for each section, self-closing doors with individual handles and index facilities. Finished in olive gray enamel baked on. Each cabinet 19" W x 27" D x 32" H. (2 cabinets can be stored underneath rewind table.)