

SECTION 6-ADDITIONAL INFORMATION

R-90 SPECIFICATIONS

GENERAL

DEPTH.....26-1/2 in. (67.3 cm.)
WIDTH.....41-1/2 in. (105.4 cm.)
HEIGHT.....54 in. (137.2 cm.)
SHIPPING WEIGHT (DOMESTIC).....367 lbs. (169 Kg.)
NET WEIGHT.....348 lbs. (158 Kg.)
POWER REQUIREMENTS.....120 VAC 60 Hz.,
360 watts 3.7 amps.
220/240 VAC 50 Hz.,
400 watts 2.6 amps.

RECORD CHANGER

CAPACITY.....100 records
RECORD SIZE.....7 in.
TURNTABLE SPEED.....45 RPM

CREDIT AND PRICING SYSTEM

ACCUMULATOR TYPE CREDIT SYSTEM.....\$1 & \$5 bills
\$1 & half-dollar coins
are optional
COINS ACCEPTED.....Nickels
Dimes
Quarters
TOTAL CREDIT ACCUMULATIONS.....255
PRICING.....See Pricing, Section 2

SOUND SYSTEM

CARTRIDGE
Type.....Variable reluctance
Frequency Response.....20 to 20,000 Hz.
Channel Separation.....25 db @ 1,000 Hz.
Nominal Compliance.....20 x 10⁻⁶ cm/dyne
Tracking Force.....3 to 4 grams
Output.....7 mv.
Stylus.....1 mil, diamond

POWER AMPLIFIER

130 Watt Stereo

FTC Rating, 4 Ohm Loads @ 1% THD....144 watts RMS

FTC Rating, 70V Lines @ 1% THD.....126 watts RMS

PREAMPLIFIER

AVC Control Range.....20 db

Treble Control.....12 db/octave
10,000 Hz. full
6,000 Hz. moderate
3,000 Hz. low

Bass Control.....Compensates for bass
loss at low volume

SELECTION SYSTEM CAPACITY.....200 selections

TRANSFORMER PACKAGE

POWER LEVELS FOR PHONOGRAPH SPEAKERS....1, 4, 16, 64 watts
PROVIDES 70-VOLT LINE FOR EXTENSION SPEAKERS

SPEAKER SYSTEM

	WOOFER	MIDRANGE
SPEAKER DIAMETER.....	10 in.	5-3/4 in.
VOICE COIL DIAMETER.....	1-1/2 in.	1 in.
IMPEDANCE.....	8 Ohms	8 Ohms

SYSTEM FREQUENCY RESPONSE.....50 to 20,000±4db

DOOR LIGHTING.....Fluorescent
30 watt, 36 in.
Fluorescent
15 watt, 18 in.

FUSES AND CIRCUIT BREAKERS

MAIN POWER SUPPLY

120 VAC (Transformer Primary Only).....2 amp. circuit breaker
120 VAC.....10 amp. circuit breaker
+28 VDC.....5 amp. Slo-Blo Fuse (2)
+8 VDC.....5 amp. Slo-Blo Fuse

AMPLIFIER

120 VAC.....3 amp. circuit breaker
32 VDC.....5 amp. Fuse (4)

ROWE OBA-P BILL ACCEPTOR

GENERAL SPECIFICATIONS

OVERALL DIMENSIONS

	WIDTH	HEIGHT	DEPTH
Control Unit	5 1/4"	6 1/8"	1"
Transport and Stacker Assembly	4 1/2"	11 5/8"	5 1/2"

POWER REQUIREMENTS

21 - 28 VDC	1.5 A
8 - 12 VDC	250 ma

INTERFACE REQUIREMENTS

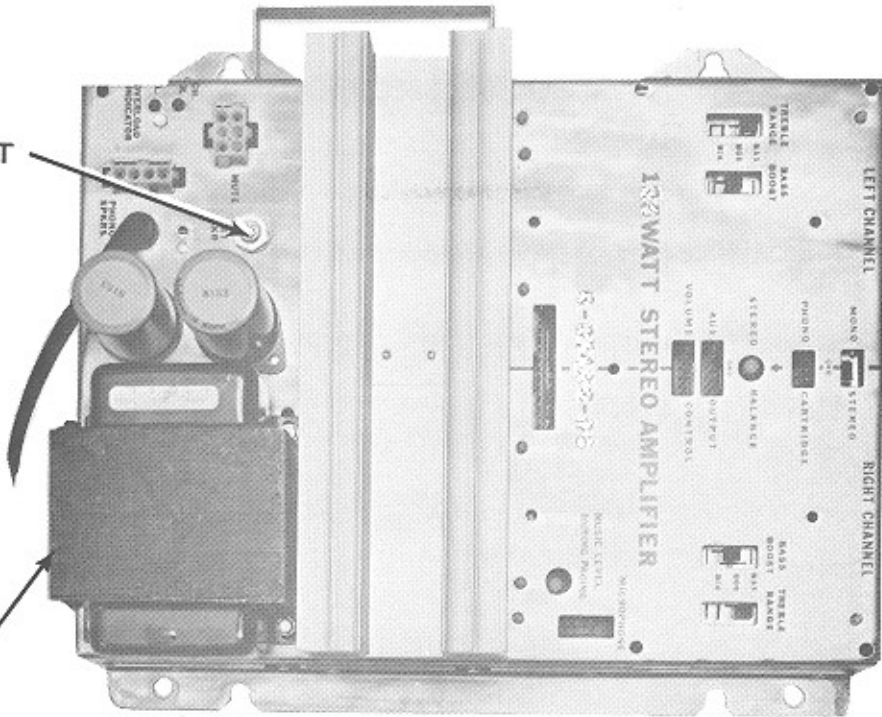
The OBA-P outputs a 75 ms +5 VDC pulse for each \$1 bill accepted and five pulses (75 ms on, 75 ms off) are output for each \$5 bill.

OPERATING ENVIRONMENT

Temperature 0° C to 70° C

PHONOGRAPH FUSES AND CIRCUIT BREAKERS

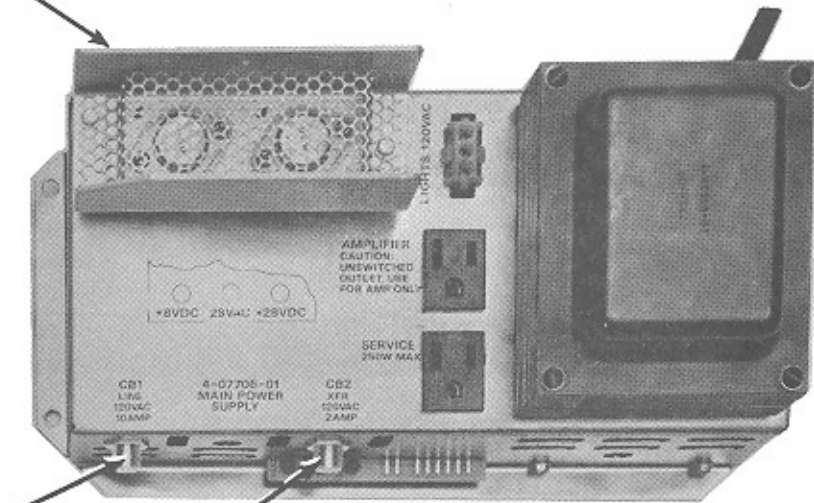
3 AMP CIRCUIT BREAKER



5 AMP MTH -5 FUSE (4 UNDER CHASSIS)

125 WATT AMPLIFIER

TWO 5 AMP AGC FUSES (MOUNTED ON POWER SUPPLY CIRCUIT BOARD UNDER CHASSIS)



10 AMP CIRCUIT BREAKER

2 AMP CIRCUIT BREAKER


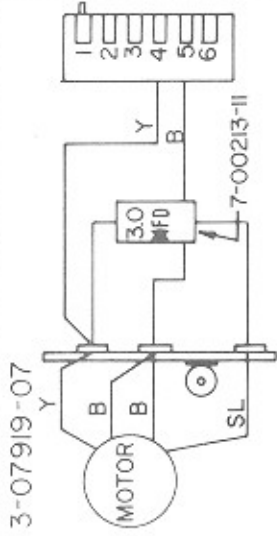
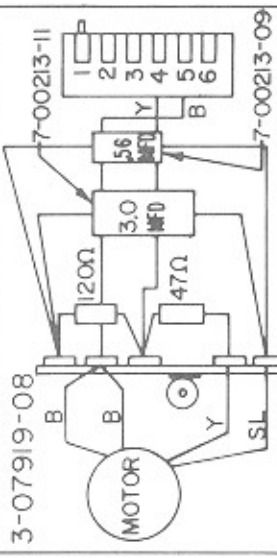
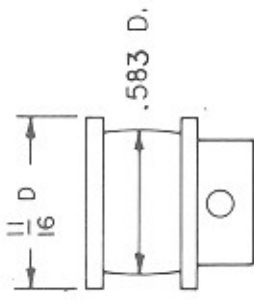
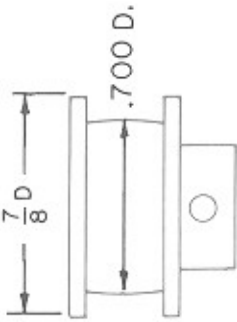
MAIN POWER SUPPLY

LOCATION OF FUSES AND CIRCUIT BREAKERS

COMPATIBILITY CHART

	PART NO.	DESCRIPTION	R-88 VIDEO	ALL R-89	ALL R-90
CENTRAL CONTROL COMPUTER	4-07773-03 4-07773-04 4-07773-05		STD ---- NOTE K	---- STD NOTE L	---- STD STD
WALLBOX INTERFACE	6-09843-01	WRD WRA-WRC WRE	NOTE C NOTE C	STD STD	STD STD
AMPLIFIER	6-09941-01 6-07439-05 6-07439-04 6-07439-02 6-09189-01 6-09189-02	130W & 125W Includes Output Trans- formers 50W RI-4,RI-5 50W RI-4,RI-5	OK STD OK NOTE A OK OK	OK STD OK NOTE A OK OK	STD OK OK NOTE A OK OK
MECHANISM ASSEMBLY	6-08700-01 6-08700-02	60HZ 50HZ	STD OK	STD OK	STD OK
MECH. CONTROL	4-07221-02 4-07221-03 4-07221-05	NO AUTOMIX NO AUTOMIX	STD OK OK	OK OK OK	NOTE E NOTE E STD
OPTICAL SWITCH ASS'Y	3-07927-01 3-09068-01	WHT CONNECTOR RED CONNECTOR	STD ----	STD ----	OK STD
POWER SUPPLY	4-07706-01 4-65092-01 4-07706-03 4-65092-04	DOMESTIC EXPORT DOMESTIC EXPORT	STD NOTE B OK NOTE F	STD NOTE B OK NOTE F	---- ---- STD NOTE F
FLASHING LIGHT CONTROL	4-07800-01 4-07501-03	BAR GRAPH LAMP CONTROL	---- ----	NOTE G ----	---- NOTE G
OBA	6-50570-03 6-50570-12 6-50570-22		STD OK ----	---- STD ----	---- ---- STD
VIDEO CONTROLLER	4-07775-02 4-07885-01		STD ----	NOTE D,H NOTE D,I	NOTE D,H NOTE D,I
GRAPHICS CONTROLLER	4-07774-01 4-08026-01		STD NOTE J	NOTE D NOTE D,J	---- NOTE D
VIDEO CASSETTE	6-09745-01 4-07884-02		STD ----	NOTE D,H NOTE D,I	NOTE D,H NOTE D,I
POWER SUPPLY (VIDEO)	4-07776-01		STD	NOTE D	NOTE D

- A. NEEDS SPECIAL ADAPTOR HARNESS.
- B. 4-65092-01 = 120V, 4-65092-02 = 220V, 4-65-87-03 = 240V.
- C. CHANGE C.C.C. TO 4-07773-05
- D. ADD WHEN CONVERTING TO VIDEO.
- E. CHANGE OPTICAL SWITCH TO 3-07927-01
- F. STD IN R-90, OK IN ALL R-88 AND ALL R-89
4-65092-04 = 120V, 4-65092-05 = 220V, 4-65087-06 = 240V
- G. NOT USED IN VIDEO
- H. 6-09745-01 VCR USES 4-07775-02 VIDEO CONTROLLER
- I. 4-07884-02 VCR USES 4-07885-01 VIDEO CONTROLLER
- J. NEEDS ADAPTER HARNESS.
- K. OK IF YOU: 1. TURN POWER OFF. 2. UNPLUG P1, SWAP W/BL WIRE (POSITION 6) AND KEYING PLUG (POSITION 7), PLUG IN P1. 3. PRESS AND HOLD KEY 8 AND RESET KEY, THEN TURN POWER - ON.
- L. OK IF YOU: 1. TURN POWER OFF. 2. PRESS AND HOLD KEY 9 AND RESET KEY, THEN TURN POWER ON.

<p>TURNTABLE MOTOR PART NUMBER AND IDENTIFYING FEATURES</p>  <p>3-07920-04, MFG. BY NORTH AMER. PHILIPS, LABELED A81743-M5, HAS FLAT BOTTOM COVER NO FLAT ON SHAFT.</p>	<p>60Hz MOTOR ASSEMBLY ACTUAL CAPACITORS SHOWN ARE TYPICAL. TOTAL CAP. VALUES MAY HAVE BEEN OBTAINED BY OTHER COMBINATIONS. CAPS. ARE 100V.</p>  <p>3-07919-07</p>	<p>50Hz MOTOR ASSEMBLY ACTUAL CAPACITORS SHOWN ARE TYPICAL. TOTAL CAP. VALUES MAY HAVE BEEN OBTAINED BY OTHER COMBINATIONS. CAPS. ARE 100V, RESISTORS 2W.</p>  <p>3-07919-08</p>
	 <p>CLEAR ANODIZED ALUMINUM</p> <p>T.T. MOTOR PULLEY 2-18178-01</p>	 <p>RED ANODIZED ALUMINUM</p> <p>T.T. MOTOR PULLEY 2-18178-02</p>