



RADIO CORPORATION PTY. LTD. BULLETIN A-1

DIVISION OF ELECTRONIC INDUSTRIES LTD.

126-130 GRANT STREET, SOUTH MELBOURNE, S.C.A.

File:—Receivers
Battery.

Date: 1/11/47.

Page 1.

TECHNICAL BULLETIN

SUBJECT—

"ASTOR"

BATTERY OPERATED RECEIVERS. MANUFACTURED SINCE 1930.

These Receivers are NOT in Production, Information is for Service purposes ONLY

CONSOLE MODEL—KISMET CHASSIS SERIES LETTERS—OP CONSOLE MODEL—KISMET CHASSIS SERIES LETTERS—BOP

Production period 1933. 7 Tube Broadcast Superheterodyne Receivers.

Operation from: "A" battery 2 volts. "B" battery
135 volts. "C" battery—22.5 volts.

Tubes:— Type 234 RF Amplifier.
" 215 Converter.
" 234 IF Amplifier.
" 232 2nd Detector, AVC.
" 230 Driver.
" 249 Power Output Amplifier } Class "B"
" 249 Power Output Amplifier } Push-Pull.

Fuses:— 300 Milliamp Dial Lamps.

IF = 175 Kcs. Broadcast Alignment:—200 MMFD. Dummy Antenna.

Alignment points:—Osc. trimmer 1550 Kcs. RF and Antenna trimmers 1400 Kcs.
Series Padder 600 Kcs.

CONSOLE MODEL CHASSIS SERIES LETTER—A

Production period 1934. 6 Tube Broadcast Superheterodyne Receiver.

Operation from:— "A" battery 2 volts. "B" battery
135 volts. "C" battery—22.5 volts.

Tubes:— Type 34 RF Amplifier.
" 1A6 Converter.
" 34 IF Amplifier.
" 34 2nd Detector, AVC.
" 30 Driver.
" 19 Power Output Amplifier } Class "B"
" 19 Power Output Amplifier } Push-Pull.

Fuses:— 300 Milliamp Dial Lamps.

IF = 175 Kcs. Broadcast Alignment:— 200 MMFD. Dummy Antenna.

Alignment points:—Osc. trimmer 1550 Kcs. RF and Antenna trimmers 1400 Kcs.
Series padder 600 Kcs.

CONSOLE MODEL CHASSIS SERIES LETTERS—CA

Production period 1934. 6 Tube Broadcast Superheterodyne Receiver.

Operation from:— "A" battery 2 volts. "B" battery 135 volts.
"C" battery —22.5 volts.

Tubes:— Type 34. RF Amplifier.
" 1A6 or 1C6 Converter.
" 34 IF Amplifier.
" 19 Detector, AVC.
" 30 Driver.
" 19 Power Output Amplifier. } Class "B"
" 19 Power Output Amplifier. } Push-Pull.

Fuses:— 300 Milliamp Dial Lamps.

IF = 175 Kcs. Broadcast Alignment:— 200 MMFD. Dummy Antenna.

Alignment points:— Osc. trimmer 1550 Kcs. RF and Antenna trimmers
1400 Kcs.

SUBJECT--BATTERY OPERATED RECEIVERS.**CONSOLE MODEL--254 CHASSIS SERIES LETTERS--BN**

Production period 1940/1942. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from:-- "A" Battery 1.5 volts } Dry batteries.
"B" Battery 90 volts }

Tubes:-- Type 1A7G Converter.
" 1N5G IF Amplifier.
" 1N5G IF Amplifier.
" 1H5G Diode Detector, AVC., 1st Audio.
" 1C5G Power Output Amplifier.

IF = 455 Kcs. Broadcast Alignment:-- 200 MMFD. Dummy Antenna.

Alignment points:-- Adjust oscl. trimmer for logging. Peak antenna transformer trimmer at 1400 Kcs. Series padder at 600 Kcs.

Shortwave Alignment:-- Dummy Antenna:-- 400 ohm non-inductive resistor.

Alignment points:-- Adjust oscl. trimmer to log on 18 Mcs. Peak antenna transformer trimmer at 18 Mcs.

CONSOLE MODEL--7541 CHASSIS SERIES LETTERS--CK

Production period 1941. 5 Tube Broadcast Superheterodyne Receiver.

Operation from:-- "A" Battery 1.5 volts } Dry batteries.
"B" Battery 90 volts }

Tubes:-- Type 1A7GT Converter.
" 1N5GT IF Amplifier.
" 1N5GT IF Amplifier.
" 1H5G Diode Detector, AVC., 1st Audio.
" 1A5G Power Output Amplifier.

IF = 455 Kcs. Broadcast Alignment:-- 200 MMFD. Dummy Antenna.

Alignment points:-- Adjust oscl. trimmer for logging. Peak antenna transformer trimmer at 1400 Kcs. Series padder at 600 Kcs.



TECHNICAL BULLETIN

SUBJECT--BATTERY OPERATED RECEIVERS.

MANTEL MODEL--BATTERY MICKEY CHASSIS SERIES LETTERS--EG

Production period 1938/1939. 4 Tube Broadcast Superheterodyne Receiver.

Operation from:-- "A" Battery 1.5 volts } Dry batteries.
"B" Battery 90 volts }

Tubes:-- Type 1A7G Converter.
" 1N5G IF Amplifier.
" 1H5G Diode Detector, AVC., 1st Audio.
" 1A5G Power Output Amplifier.

IF = 455 Kcs. Broadcast Alignment:-- 200 MMFD. Dummy Antenna.
Alignment points:-- Adjust oscl. trimmer for logging. Peak antenna
transformer trimmer at 1400 Kcs. Series padder at 600 Kcs.

CONSOLE MODEL--930 CHASSIS SERIES LETTERS--GG

Production period 1939/1940. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from:-- "A" Battery 1.5 volts } Dry batteries.
"B" Battery 90 volts }

Tubes:-- Type 1A7G Converter.
" 1N5G IF Amplifier.
" 1N5G IF Amplifier.
" 1H5G Diode Detector, AVC., 1st Audio.
" 1A5G Power Output Amplifier.

IF = 455 Kcs. Broadcast Alignment:-- 200 MMFD. Dummy Antenna.
Alignment points:-- Adjust. oscl. trimmer for logging. Peak antenna
transformer trimmer at 1400 Kcs. Series padder at 600 Kcs.

Shortwave Alignment:-- Dummy Antenna:-- 400 ohm non-inductive resistor.
Alignment points:-- Adjust oscl. trimmer to log on 15 Mcs. Peak antenna
transformer trimmer at 15 Mcs.

MANTEL MODEL--OA54 CHASSIS SERIES LETTERS--AP

Production period 1940, 41, 42. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from:-- "A" Battery 1.5 volts } Dry batteries.
"B" Battery 90 volts }

Tubes:-- Type 1A7G Converter.
" 1N5G IF Amplifier.
" 1N5G IF Amplifier.
" 1H5G Diode Detector, AVC., 1st Audio.
" 1C5G Power Output Amplifier.

The 1C5G Output Tube was changed to a type 1Q5G during 1941/42
IF = 455 Kcs. Broadcast Alignment:-- 200 MMFD. Dummy Antenna.

Alignment points:-- Adjust oscl. trimmer for logging. Peak antenna
transformer trimmer at 1400 Kcs. Series padder at 600 Kcs.

Shortwave Alignment:-- Dummy Antenna:-- 400 ohm non-inductive resistor.
Alignment points:-- Adjust oscl. trimmer to log on 15 Mcs. Peak antenna
transformer trimmer at 18 Mcs.

Date: 1/11/47.

Page 2.

SUBJECT-BATTERY OPERATED RECEIVERS.**CONSOLE MODEL—TOURIST CHASSIS SERIES LETTER—G**

Production period 1934. 3 Tube TRF Dual Wave Receiver.
 Operation from:- "A" battery 2 volts. "B" battery 120 volts.
 "C" battery -22.5 volts tapped at -3 volts.
 Tubes:- Type 34 RF Amplifier.
 " 19 Detector and Audio Amplifier.
 " 33 Power Output Amplifier.

CONSOLE MODEL—50 CHASSIS SERIES LETTERS—AA

Production period 1935. 5 Tube Dual Wave Superheterodyne Receiver.
 Operation from:- "A" battery 2 volts. "B" battery 135 volts.
 "C" battery -22.5 volts.
 Tubes:- Type 2A7 Converter.
 " 34 IF Amplifier.
 " 34 IF Amplifier.
 " 19 Detector, AVC., 1st Audio.
 " 33 Power Output Amplifier.
 IF = 456 Kcs. Broadcast Alignment:- 200 MMFD. Dummy Antenna.
 Alignment points:- Oscl. trimmer 1550 Kcs. Antenna transformer trimmer
 1400 Kcs. Series padder 600 Kcs.
 Shortwave Alignment:- Dummy Antenna:- 400 Ohm non-inductive resistor.
 Alignment point:- Cond. gang full out. Oscl. trimmer 16.2 Mcs. (18.5M)
 aerial circuit resonated by vernier trimmer.
 Aerial trap circuit adjustment:- Feed 456 Kcs. signal through 200 MMFD. dummy
 antenna to antenna terminal. Wave change switch on broadcast. Adjust trap
 circuit condenser if variable to min. position of dip in output reading.

CONSOLE MODEL—30 CHASSIS SERIES LETTERS—AAB

Production period 1935. 5 Tube Broadcast Superheterodyne Receiver.
 Operation from:- "A" battery 2 volts. "B" battery 135 volts.
 "C" battery -22.5 volts.
 Tubes:- Type 2A7 Converter.
 " 34 IF Amplifier.
 " 34 IF Amplifier.
 " 19 Detector, AVC., 1st Audio.
 " 33 Power Output Amplifier.
 IF = 456 Kcs. Broadcast Alignment:- 200 MMFD. Dummy Antenna.
 Alignment points:- Oscl. trimmer 1550 Kcs. Antenna transformer trimmer 1400
 Kcs. Series padder 600 Kcs.
 Aerial trap circuit adjustment:- Feed 456 Kcs. signal through 200 MMFD.
 dummy antenna to antenna terminal. Adjust trap circuit condenser if
 variable to min. position of dip in output reading.

MANTEL MODEL—500 CHASSIS SERIES LETTERS—GF

Production period 1938/1939. 5 Tube Broadcast Superheterodyne Receiver.
 Operation from:- "A" Battery 1.5 volt } Dry batteries.
 "B" Battery 90 volts }
 Tubes:- Type 1A7G Converter.
 " 1N5G IF Amplifier.
 " 1N5G IF Amplifier.
 " 1H5G Diode Detector, AVC., 1st Audio.
 " 1A5G Power Output Amplifier.
 IF = 455 Kcs. Broadcast Alignment:- 200 MMFD. Dummy Antenna.
 Alignment points:- Adjust oscl. trimmer for logging. Peak antenna
 transformer trimmer at 1400 Kcs. Series padder at 600 Kcs.



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126-130 GRANT STREET, SOUTH MELBOURNE, S.C.4.

TECHNICAL BULLETIN

BULLETIN A-1.

File:--Receivers
Vibrator.

Date: 20/5/47.

Page 1.

SUBJECT--

“ASTOR”

VIBRATOR/BATTERY OPERATED RECEIVERS

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MANTEL MODEL—77 CHASSIS SERIES LETTERS—EH

Production period 1936 and 1937. 5 tube Broadcast Superheterodyne Receiver.

Operation from a 6 volt accumulator

Vibrator:-- 6 Volt 5 pin Syn. (100 cycle) Part No. PM104.

Tubes:-- 1C6 Converter.

1C4 IF. Amplifier.

1C4 IF. Amplifier.

1B5 Diode Det. AVC. and 1st Audio.

1D4 Power Output Amplifier.

IF. = 456 Kc. Broadcast Alignment:-- 200MMFD. Dummy Antenna.

Alignment Points:-- Oscl. 1550 Kc. Antenna 1400 Kc. Series Pad 600 Kc.

CONSOLE MODEL—77 CHASSIS SERIES LETTERS—DE

Production period 1936 and 1937. 5 Tube Broadcast Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:-- 6 Volt 5 pin Syn. (100 cycle) Part No. PM104.

Tubes:-- 1C6 Converter.

1C4 IF. Amplifier.

1C4 IF. Amplifier.

1B5 Diode Det. AVC. and 1st Audio.

22A Power Output Amplifier.

IF. = 465 Kc. Broadcast Alignment:-- 200MMFD. Dummy Antenna.

Alignment Points:-- Oscl. 1550 Kc. Antenna 1400 Kc. Series Pad 600 Kc.

CONSOLE MODEL—77 DW CHASSIS SERIES LETTERS—DG

Production period 1936 and 1937. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 Volt accumulator.

Vibrator:-- 6 Volt 5 Pin Syn. (100 cycle) Part No. PM104.

Tubes:-- 1C6 Converter.

1C4 IF. Amplifier.

1C4 IF. Amplifier.

1B5 Diode Det. AVC. 1st Audio.

22A Power Output Amplifier.

IF. = 456 Kc. Broadcast Alignment:-- 200MMFD. Dummy Antenna.

Alignment Points:-- Oscl. 1550 Kc. Antenna 1400 Kc. Series Pad 600 Kc.

Shortwave Alignment:-- Dummy Antenna: 400 Ohm non inductive resistor.

Alignment Points:-- Oscl. 18.3 Mc. Antenna 15 Mc.

SUBJECT-VIBRATOR/BATTERY OPERATED RECEIVERS.

CONSOLE MODEL-770 CHASSIS SERIES LETTERS-FF

Production period 1937 and 1938. 5 Tube Dual Wave Superheterodyne Receiver.
Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Syn. Split Reed (100 cycle)
Part No. PM126.

Tubes:- 1C6 Converter.
1C4 IF. Amplifier.
1C4 IF. Amplifier.
1K6 Diode Det. AVC. 1st Audio.
1D4 Power Output Amplifier.

IF. = 472.5 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.
Alignment Points:- Adjust oscl. trim. for logging. Peak ant. trans.
trim. at 1400 Kc. Peak series pad at 600 Kc.
Shortwave Alignment:- Dummy Antenna: 400 Ohm non inductive resistor.
Alignment Points:- Adjust oscl. trim. for logging. Peak ant. trans.
trim. at 15 Mc.

MANTEL MODEL-ALADDIN CHASSIS SERIES LETTERS-FG

Production period 1937, 38, and 39. 4 Tube Dual Wave Reflex Superheterodyne
Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 5 Pin Syn. (100 cycle) Part No. PM104.

Tubes:- 1C6 Converter.
1K6 IF. Amplifier, AVC.
1K6 IF. Amplifier, Diode Detector.
1D4 Power Output Amplifier.

IF. = 472.5 Kc. changed to 456 Kc. Broadcast Alignment: 200MMFD. Dummy
Antenna.
Alignment Points:- Adjust oscl. trim. for logging. Peak ant. trans.
trim. at 1400 Kc. Peak series pad at 600 Kc.
Shortwave Alignment:- Dummy Antenna: 400 Ohm non inductive resistor.
Alignment Points:- Adjust oscl. trim. for logging. Peak ant. trans.
trim. at 15 Mc.

CONSOLE MODEL-470 CHASSIS SERIES LETTERS-HA

Production period 1937, 38, and 39. 4 Tube Dual Wave Reflex Superheterodyne
Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 volt 5 Pin Syn. (100 cycle) Part No. PM104.

Tubes:- 1C6 Converter.
1K6 IF. Amplifier, AVC.
1K6 IF. Amplifier, Diode Detector.
1D4 Power Output Amplifier.

IF. = 472.5 Kc. changed to 456 Kc. Broadcast Alignment: 200MFD. Dummy
Antenna.
Alignment Points:- Adjust oscl. trim. for logging. Peak ant. trans.
trim at 1400 Kc. Peak series pad at 600 Kc.
Shortwave Alignment: Dummy Antenna: 400 Ohm non inductive resistor.
Alignment Points:- Adjust oscl. trim. for logging. Peak ant. trans.
trim. at 15 Mc.



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126-130 GRANT STREET, SOUTH MELBOURNE, S.C.4.

TECHNICAL BULLETIN

BULLETIN A-1.

File:- Receivers
Vibrator.

Date: 20/5/47.

Page 3.

SUBJECT-VIBRATOR/BATTERY OPERATED RECEIVERS.

MANTEL MODEL—77 CHASSIS SERIES LETTERS—BB

Production period 1937 and 1938. 5 Tube Broadcast Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 5 Pin Syn. (100 cycle) Part No. PML04.

Tubes:- 1C6 Converter.
1C4 IF. Amplifier.
1C4 IF. Amplifier.
1B5 Diode Det. AVC. 1st Audio.
1D4 Power Output Amplifier.

IF. = 472.5 Kc. changed to 456 Kc. Broadcast Alignment: 200MMFD. Dummy Antenna.

Alignment Points:- Oscl. 1550 Kc. Antenna 1400 Kc. Series Pad 600 Kc.

MANTEL MODEL—ALADDIN CHASSIS SERIES LETTERS—FH

Production period 1938, 39, and 40. 4 Tube Dual Wave Reflex Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Syn. Split Reed (100 cycle)
Part No. PML26.

Tubes:- 1C7G Converter.
1F7G IF. Amplifier, AVC.
1F7G IF. Amplifier Diode Detector.
1F5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Peak Antenna transformer trimmer at 1400 Kc.
Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna, 400 ohm non inductive resistor.

Alignment Point:- Peak Antenna transformer trimmer at 12.5 Mc.

CONSOLE MODEL—931 CHASSIS SERIES LETTERS—HG

Production period 1938, 39, and 40. 4 Tube Dual Wave Reflex Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Syn. Split Reed (100 cycle)
Part No. PML26.

Tubes:- 1C7G Converter.
1F7G IF. Amplifier, AVC.
1F7G IF. Amplifier, Diode Detector.
1F5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Peak antenna transformer trimmer at 1400 Kc.
Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna, 400 Ohm non inductive resistor.

Alignment Point:- Peak Antenna transformer trimmer at 12.5 Mc.

SUBJECT-VIBRATOR/BATTERY OPERATED RECEIVERS.

MANTEL MODEL-854M CHASSIS SERIES LETTERS-AQ

Production period 1940, 41, and 42. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 volt accumulator.
Vibrator:- 6 Volt 6 Pin Sync. Split Reed (100 cycle)

Part No. PM126.

Tubes:- 1A7G Converter
1N5G IF. Amplifier.
1N5G IF. Amplifier.
1H5G Diode Detector, AVC, 1st Audio.
1C5G Power Output Amplifier.

The 1C5G tube was changed to a 1Q5G during 1941.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Ant. Transformer Trim. 1400 Kc. Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna; 400 Ohm non inductive resistor.

Alignment Point:- Antenna Transformer Trimmer 18 Mc.

CONSOLE MODEL-9540M CHASSIS SERIES LETTERS-AQ

Production period 1941, 42, and 43. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. Split Reed (100 cycle)

Part No. PM126.

Tubes:- 1A7G Converter.
1N5G IF. Amplifier.
1N5G IF. Amplifier.
1H5G Diode Detector, AVC., 1st Audio.
1C5G Power Output Amplifier.

The 1C5G tube was changed to a 1Q5G tube.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Ant. Transformer Trim. 1400 Kc. Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna; 400 Ohm non inductive resistor.

Alignment Point:- Antenna Transformer Trimmer 18 Mc.

CONSOLE MODEL-741 CHASSIS SERIES LETTERS-DN

Production period 1941, 42, and 43. 4 Tube Broadcast Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter.
1M5G IF. Amplifier.
1K7G Diode Detector, AVC., 1st Audio.
1L5G Power Output Amplifier.

The 1C7G tube was changed to a 1A7G tube with circuit modification when 1C7G tubes were not obtainable.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Ant. Transformer Trim. 1400 Kc. Series Pad 600 Kc.

Refer Bulletin DN-1 for further details.



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126-130 GRANT STREET, SOUTH MELBOURNE, S.C.4.

BULLETIN A-1

File:- Receivers
Vibrator.

Date: 20/5/47

Page 5.

TECHNICAL BULLETIN

SUBJECT-VIBRATOR/BATTERY OPERATED RECEIVERS.

CONSOLE MODEL—441 CHASSIS SERIES LETTERS—DNM

Production period 1941, 42, and 43. 4 Tube Broadcast Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter.
1M5G IF. Amplifier.
1K7G Diode Detector, AVC., 1st Audio.
1L5G Power output Amplifier.

The 1C7G tube was changed to a 1A7G tube with circuit modification when 1C7G tubes were not obtainable.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Antenna Transformer Trimmer 1400 Kc.
Series Pad 600 Kc.

Refer Bulletin DNM-1 for further details.

CONSOLE MODEL—951 CHASSIS SERIES LETTERS—DQ

Production period 1941, 42, and 46. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter
1M5G IF. Amplifier.
1M5G IF. Amplifier.
1K7G Diode Detector, AVC., 1st Audio.
1L5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment points:- Antenna Transformer Trimmer 1400 Kc.
Series Pad 600 Kc.

Shortwave Alignment:- Dummy Ant. 400 Ohm non inductive resistor.

Alignment Point:- Antenna Transformer Trimmer 18 Mc.

Refer Bulletin DQ-1 for further details.

MANTEL MODEL—DNS CHASSIS SERIES LETTERS—DNS

Production period 1946. 4 Tube Broadcast Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter.
1M5G IF. Amplifier.
1K7G Diode Detector, AVC., 1st Audio.
1L5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Antenna Transformer Trimmer 1400 Kc.
Series Pad 600 Kc.

SUBJECT-VIBRATOR/BATTERY OPERATED RECEIVERS.

MANTEL MODEL-851 CHASSIS SERIES LETTERS-DQM

Production period 1941, 42, and 46. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter.
 1M5G IF. Amplifier.
 1M5G IF. Amplifier.
 1K7G Diode Detector, AVC., 1st Audio.
 1L5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Antenna Transformer Trimmer 1400 Kc.
 Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna; 400 Ohm non inductive resistor.

Alignment Point:- Antenna Transformer Trimmer 18 Mc.

Refer Bulletin DQM-1 for further details.

MANTEL MODEL-DQP CHASSIS SERIES LETTERS-DQP

Production period 1946. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter.
 1M5G IF. Amplifier.
 1M5G IF. Amplifier.
 1K7G Diode Detector, AVC., 1st Audio.
 1L5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Antenna Transformer Trimmer 1400 Kc.
 Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna; 400 Ohm non inductive resistor.

Alignment Point:- Antenna Transformer Trimmer 18 Mc.

Refer Bulletin DQP-1 for further details.

MANTEL MODEL-DQQ CHASSIS SERIES LETTERS-DQQ

Production period 1946. 5 Tube Dual Wave Superheterodyne Receiver.

Operation from a 6 volt accumulator.

Vibrator:- 6 Volt 6 Pin Sync. (100 cycle) Part No. PM413.

Tubes:- 1C7G Converter.
 1M5G IF. Amplifier.
 1M5G IF. Amplifier.
 1K7G Diode Detector, AVC., 1st Audio.
 1L5G Power Output Amplifier.

IF. = 455 Kc. Broadcast Alignment:- 200MMFD. Dummy Antenna.

Alignment Points:- Antenna Transformer Trimmer 1400 Kc.
 Series Pad 600 Kc.

Shortwave Alignment:- Dummy Antenna; 400 Ohm non inductive resistor.

Alignment Point:- Antenna Transformer Trimmer 18 Mc.

Refer Bulletin DQQ-1 for further details.