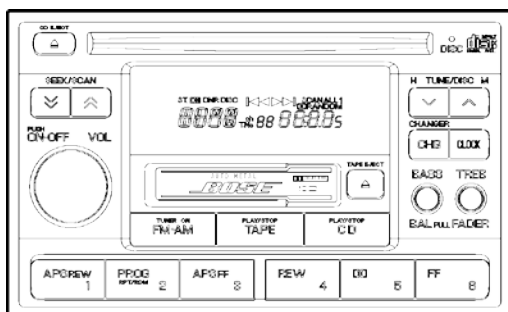


clarion Service Manual

Published by Service Dept.



(PN-2121N-A)

ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with Model PN-2121K

Original model	Manual No.
PN-2121K	298-5519-00

SPECIFICATIONS

Radio section

Tuning system: PLL Frequency synthesizer system
Receive range: AM 530kHz to 1,710kHz
FM 87.75MHz to 107.9MHz

Intermediate frequency:
AM 450kHz
FM 10.7MHz

Quieting sensitivity: AM Less than 32dB μ
(at 20dB S/N)
FM Less than 10dB μ
(at 30dB S/N)

Separation: FM More than 20dB

Auto tuning stop sensitivity:
AM 32 ± 6 dB μ
FM 25 ± 6 dB μ

Tape section

Reproducing system:
4 track, 2 channel stereo
cassette tape playback
Wow and flutter: Less than 0.15%(W.R.M.S)
Separation: More than 35dB
Cross talk: More than 45dB
S/N ratio: Normal tape(120 μ s)
47dB/55dB(DOLBY NR ON)
Metal tape(70 μ s)
49dB/57dB(DOLBY NR ON)
FF/REW time: 110sec.(C-60)

NISSAN Automobile Genuine AM/FM Radio Cassette Stereo CD Deck

Model **PN-2121D-A**
(Genuine No.28188 0L700/ID
No.CN555)

Model **PN-2121N-A**
(Genuine No.28188 1W300/ID
No.CN575)

Model **PP-2121I-A**
(Genuine No.28188 22Y00/ID
No.CN545)

CD section

Disc: 12cm, 8cm Disc
Frequency response:
16Hz to 20kHz(± 3 dB)
Separation: PN-2121D-A/PP-2121I-A
More than 52dB
PN-2121N-A
More than 40dB
S/N ratio: More than 80dB

General

Output level: PN-2121D-A/PP-2121I-A
 $6V \pm 0.5V, -2.0V$ (CD 1kHz 0dB)
 $260mV \pm 3dB$
(TEL 1kHz 100mV INPUT)
PN-2121N-A
 $3V \pm 0.6V$ (CD 1kHz 0dB)
 $130mV \pm 3dB$
(TEL 1kHz 100mV INPUT)
Power supply voltage:
DC14.4V(10.8V to 15.6V)
Negative ground
Back-up consumption:
Less than 3mA
Dimensions(mm): 184(W) $\times$ 112(H) $\times$ 160(D)
Weight: 2.6kg

■ PARTS LIST/PN-2121D-A

Main PWB section

Note)Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION
C 114	184-4773-22	10V 470 μ F
R 154	117-4721-10	1/10W 4.7k Ω
R 157	117-4721-10	1/10W 4.7k Ω
R 226	117-5621-10	1/10W 5.6k Ω

REF No.	PART No.	DESCRIPTION
R 227	117-5621-10	1/10W 5.6k Ω
R 228	117-2431-15	1/10W 24k Ω
R 229	117-2431-15	1/10W 24k Ω
R 230	117-5621-10	1/10W 5.6k Ω

REF No.	PART No.	DESCRIPTION
R 231	117-5621-10	1/10W 5.6k Ω
R 232	117-2431-15	1/10W 24k Ω
R 233	117-2431-15	1/10W 24k Ω

System control PWB section

REF No.	PART No.	DESCRIPTION
D 520	001-0330-00	1SS119

REF No.	PART No.	DESCRIPTION
D 520	001-0352-00	1SS176

REF No.	PART No.	DESCRIPTION
D 521		DELETE

■ PARTS LIST/PN-2121N-A

Main PWB section

Note)Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION
C 114	184-4773-22	10V 470 μ F
C 157	176-1011-00	100pF

REF No.	PART No.	DESCRIPTION
L 106	010-2174-16	22 μ H
R 180	117-1021-10	1/10W 1k Ω

REF No.	PART No.	DESCRIPTION
R 181	117-1041-10	1/10W 100k Ω
TC 101	004-1580-09	

System control PWB section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D 519	001-0330-00	1SS119	D 521	001-0330-00	1SS119	R 521	111-1021-91	1/4W 1kΩ
D 519	001-0352-00	1SS176	D 521	001-0352-00	1SS176			

Display PWB section

REF No.	PART No.	DESCRIPTION
S 717	013-6300-00	

■ PARTS LIST/PP-2121I-A

Main PWB section

Note)Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 114	184-4773-22	10V 470 μF	R 227	117-5621-10	1/10W 5.6kΩ	R 231	117-5621-10	1/10W 5.6kΩ
R 154	117-4721-10	1/10W 4.7kΩ	R 228	117-2431-15	1/10W 24kΩ	R 232	117-2431-15	1/10W 24kΩ
R 157	117-4721-10	1/10W 4.7kΩ	R 229	117-2431-15	1/10W 24kΩ	R 233	117-2431-15	1/10W 24kΩ
R 226	117-5621-10	1/10W 5.6kΩ	R 230	117-5621-10	1/10W 5.6kΩ			

System control PWB section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D 520	001-0330-00	1SS119	D 520	001-0352-00	1SS176	D 521		DELETE

Display PWB section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
PL 701	017-0433-05	14V 40mA	PL 704	017-0433-05	14V 40mA	PL 707	017-0433-05	14V 40mA
PL 702	017-0433-05	14V 40mA	PL 705	017-0433-05	14V 40mA	PL 708	017-0433-05	14V 40mA
PL 703	017-0433-05	14V 40mA	PL 706	017-0433-05	14V 40mA	PL 709	017-0433-05	14V 40mA

■ EXPLODED VIEW • PARTS LIST

Escutcheon section

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	940-7759-00 940-7765-00	ESCUTCHEON ASS'Y(D-A,I-A) ESCUTCHEON ASS'Y(N-A)	1	23	320-0512-05 320-0512-04 320-0512-03	DUSTPROOF COVER(D-A) DUSTPROOF COVER(N-A) DUSTPROOF COVER(I-A)	1
6	017-0433-02 017-0433-05	PILOT LAMP(D-A,N-A) PILOT LAMP(I-A)	9				

Main section

NO.	PART NO.	DESCRIPTION	Q'TY
24	286-8153-04 286-8153-08 286-8153-05	SETPLATE(D-A) SETPLATE(N-A) SETPLATE(I-A)	1