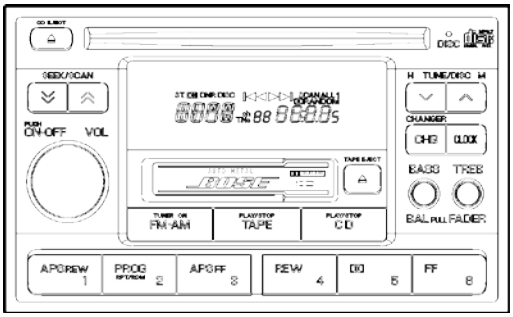
Ciarion Co., Ltd. Export Division- 22-3, Shibuya 2-chome, Shibuyaku, Tokyo, 150 Japan Tel: 03-3400-1121 Fax: 03-3400-8679 Telex: J22908, J22152
Service Dept.- 50 kamitoda,Toda-shi,Saitama,335 Japan Tel: 048-443-1111 Fax: 048-433-6996

clarion Service Manual

Published by Service Dept.



(PN-2121N-A)

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)

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 32dBμ
(at 20dB S/N)
FM Less than 10dBμ
(at 30dB S/N)
Separation: FM More than 20dB
Auto tuning stop sensitivity:
AM 32±6dBμ
FM 25±6dBμ

Tape section

Reproducting 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(120μs)
47dB/55dB(DOLBY NR ON)
Metal tape(70μs)
49dB/57dB(DOLBY NR ON)
FF/REW time: 110sec.(C-60)

CD section

Disc: 12cm,8cm Disc
Frequency response:
16Hz to 20kHz(±3dB)
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+0.5V,−2.0V(CD 1kHz 0dB)
260mV±3dB
(TEL 1kHz 100mV INPUT)
PN-2121N-A
3V±0.6V(CD 1kHz 0dB)
130mV±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)×112(H)×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 470μF
R 154	117-4721-10	1/10W 4.7kΩ
R 157	117-4721-10	1/10W 4.7kΩ
R 226	117-5621-10	1/10W 5.6kΩ

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

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

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 470μF
C 157	176-1011-00	100pF

REF No.	PART No.	DESCRIPTION
L 106	010-2174-16	22μH
R 180	117-1021-10	1/10W 1kΩ

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

System control PWB section

REF No.	PART No.	DESCRIPTION
D 519	001-0330-00	1SS119
D 519	001-0352-00	1SS176

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

REF No.	PART No.	DESCRIPTION
R 521	111-1021-91	1/4W 1kΩ

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
C 114	184-4773-22	10V 470μF
R 154	117-4721-10	1/10W 4.7kΩ
R 157	117-4721-10	1/10W 4.7kΩ
R 226	117-5621-10	1/10W 5.6kΩ

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

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

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

Display PWB section

REF No.	PART No.	DESCRIPTION
PL 701	017-0433-05	14V 40mA
PL 702	017-0433-05	14V 40mA
PL 703	017-0433-05	14V 40mA

REF No.	PART No.	DESCRIPTION
PL 704	017-0433-05	14V 40mA
PL 705	017-0433-05	14V 40mA
PL 706	017-0433-05	14V 40mA

REF No.	PART No.	DESCRIPTION
PL 707	017-0433-05	14V 40mA
PL 708	017-0433-05	14V 40mA
PL 709	017-0433-05	14V 40mA

■ EXPLODED VIEW • PARTS LIST

Escutcheon section

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
6	017-0433-02 017-0433-05	PILOT LAMP(D-A,N-A) PILOT LAMP(I-A)	9

NO.	PART NO.	DESCRIPTION	Q'TY
23	320-0512-05 320-0512-04 320-0512-03	DUSTPROOF COVER(D-A) DUSTPROOF COVER(N-A) DUSTPROOF COVER(I-A)	1

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