



DN-700R/700C/500R/501C

シリアルコマンド プロトコルガイド

Serial Command Protocol Guide

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### 1. 概要 General

シリアルリモートコントロール機能では、パソコンなどのホストを本機に接続して使用します。ホスト機器から制御コマンドを送信することで本機の操作を行うことができ、ステータスリクエストコマンドを送信することで本機の動作状態を確認できます。ホスト機器と本機の接続方法は、RS-232CとIPコントロールの2種類から選べます。なお、本仕様書では、制御機器を”ホスト”、被制御機器を”デバイス”（本機）と呼びます。

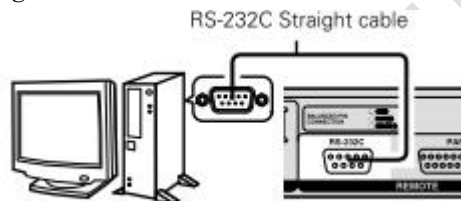
The Serial Remote control function is used by connecting the host machine such as PC to the device (our product). The host can control the device by sending the Control command, and the host can sense the current device status by sending the Status Request command. Two types of the connectivity, RS-232C and IP (Ethernet) is selectable. In addition, in this document, the controlled equipment is called the “Device” (our product) and the controlling equipment is called the “Host”.

#### 1-1. RS-232C コントロール RS-232C Control

RS-232C シリアル端子（D-sub9 ピン）を RS-232C ストレートケーブルに接続することで、ホスト機器はデバイス機器を制御できます。

The host can control the device by connecting the RS-232C straight cable to the D-sub 9 pins connector on the device surface as shown in the following diagram.

Figure 1-1 RS-232C Connection

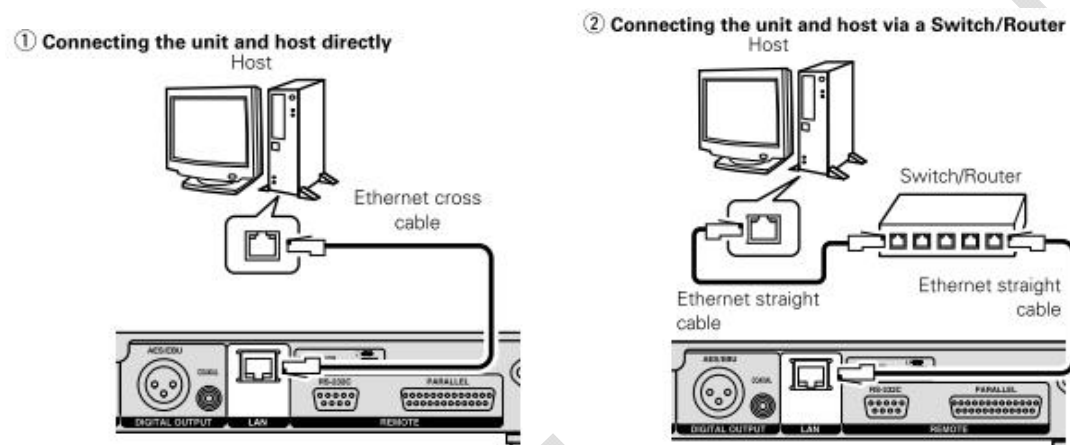


### 1-2. IP コントロール（イーサネット） IP Control (Ethernet)

イーサネットケーブルをイーサネットコネクタに接続することによって、ホスト機器はデバイス機器を制御できます。（適応コネクタ：10BASE-T/100BASE-TX）

The host can control the device by connecting the Ethernet cable to the RJ-45 connector on the device surface as shown in the following diagram.  
(10BASE-T / 100BASE-TX)

Figure 1-2 IP Control Connection



#### 【3つの主な特徴 Three main features】

- ① ホスト機器からの本機のコントロール  
Device control from the host
- ② ホスト機器からのステータス要求コマンドに対し、ステータス情報を出力  
Status sense of the device by sending the status request command from the host
- ③ 本機のステータスが変ったとき、自動的にステータス情報をホスト機器へ出力  
Automatic status notification to the host to notify of the device status change

## 2. 仕様 Specification

### 2-1. RS-232C コントロール RS-232C Control

- ・ 伝送方式 **Transmission type** : 調歩同期式 / 全二重通信 **Asynchronous / Full duplex**
- ・ 適合コネクタ **Connector type** : 9 ピン D-sub (ストレート) **9 pin D-sub (Straight)**
- ・ 通信速度 **Transfer rate** : 9,600 / 38,400 bps 選択式 (System Setting : Serial Bit Rate)  
**9,600 / 38,400 bps Selectable (via "Serial Bit Rate" in the "System Setting" menu)**
- ・ クロック許容誤差 **Clock accuracy** : < +/- 2.0%
- ・ データビット **Data length** : 8 bits
- ・ パリティ **Parity** : None
- ・ スタートビット **Start bit** : 1 bit
- ・ ストップビット **Stop bit** : 1 bit
- ・ フローコントロール **Flow Control** : None
- ・ 最大データ長 **Maximum data length** : 600 Bytes

### 2-2. IP コントロール (イーサネット) **IP Control (Ethernet)**

- ・ 通信システム **Transmission type** : 全二重通信 **Full duplex**
- ・ 通信速度 **Transfer speed** : 10 Mbps / 100 Mbps
- ・ 通信ポート **TCP port No.** : 23 (telnet)
- ・ 最大データ長 **Maximum data length** : 288Bytes

### 3. 通信フォーマット Communication Protocol

#### 3-1. コマンドの構成 Command Structure

コマンドの各パケットは Start Character '@' で始まり、End Character '\r' (0x0D) で終わります。

The each packet of the Control command must be started with the Start Character '@' and terminated with the End Character '\r' (0x0D).

Figure 3-1 コマンド構造 Command Structure



Table 3-1 各部の説明 Description of Each Segment

Name	Description
Start Character	'@' (0x40)
ID	'0' (0x30)
Command	Command and parameters
End Character	'\r' (0x0D)

#### 3-2. ACK（受信成功）と NACK（受信失敗） ACK (Acknowledge) and NACK (Not Acknowledge)

本機は、下表に従って、ACK または NACK を返信します。

The device sends ACK or NACK according to the following table.

Table 3-2 ACK と NACK について ACK and NACK

Name	Value (HEX)	送信条件
ACK	0x06	本機はホストからのコマンドを正常に受信した。 The device acknowledged that the command was received normally from the host.
NACK	0x15	<ul style="list-style-type: none"><li>・ Start Character '@' がないまま End Character (0x0D) がきた場合 The device received the End Character '\r'(0x0D) before receiving the Start Character '@'.</li><li>・ 存在しないコマンドを受信した場合 The device received an unknown command.</li><li>・ コマンドのキャラクター間が 5msec 以上空いた場合 5 msec passed before the device receives the next code necessary to complete the command.</li></ul>



### 3-3. 通信ルール Communication Rules

#### 3-3-1. 主導権 Initiative of Communication

ホストとデバイス間通信では、原則としてホストが主導権を持つ。ただし、本機によるステータス情報通知を除く。

In the communication between the host and the device, the host must have the initiative. However, the Status Information notification from the device is an exception.

本機がホストからのコマンドを受信した場合、下記の内容を返す。

When the device receives a command from the host, the device returns the following.

- |  |              |
|--|--------------|
| ・ 返答を要求しないコマンドを受信した場合:                                       | ACK          |
| When receiving the command which doesn't require the answer: | ACK          |
| ・ 返答を要求するコマンドを受信した場合:  | ACK + ANSWER |
| When receiving the command which requires the answer:        | ACK + ANSWER |
| ・ 通信エラーまたは未定義コマンドを受信した場合:                                    | NACK         |
| For the communication failure or an unknown command:         | NACK         |

#### 3-3-2. 通信順序 Communication Sequence

ホストは、本機にコマンドを送信した後、ACK または NACK を受信するかタイムアウト（”[タイムアウト Timeout](#)”参照）に達するまで次のコマンドを送信してはならない。

The host must not send any new command after the previous command before the host receives ACK or NACK, or the timeout (see ”[タイムアウト Timeout](#)”) has expired.

#### 3-3-3. タイムアウト Timeout

ホストは、コマンドを送信し終えてから 100ms 以上経過してもデバイスからの返答がない場合には、ホストとデバイス間の通信が正しく行われていないと判断し、リトライなどのリカバリ処置をとること。

If the host cannot receive any answer from the device after 100 ms passed after the command from the host was sent, the host should

determine that the communication between the host and the device does not progress normally, and should execute the recovery process such as retry.

#### 3-3-4. NACK

デバイスは、ホストとの通信上でエラーを検出したら直ちに NACK を返信する（”[ACK \(受信成功\)](#)と[NACK \(受信失敗\)](#) [ACK \(Acknowledge\)](#) and [NACK \(Not Acknowledge\)](#)”参照)。ホストは、NACK を受信した場合、直ちに現在のコマンド送出を停止し、リトライなどのリカバリ処置をとる必要がある。

The device returns a NACK immediately after detecting a failure in the communication with the host (see “[ACK \(受信成功\)](#)と[NACK \(受信失敗\)](#) [ACK \(Acknowledge\)](#) and [NACK \(Not Acknowledge\)](#)”). If the host receives a NACK, it must stop sending the current remaining command immediately and execute the recovery process such as retry.



#### 3-3-5. コマンドの送信間隔時間 Command Interval Time

- ・コマンドのキャラクター間は 5ms 以内とする。5ms 以上空いた場合、本機は NACK を返信する。

The interval time between every character within a command must not exceed 5ms. The device sends NACK when 5msec passed before the device receives the next character code.

- ・ホストは、新たなコマンドを送出する際に、直前のコマンド送出完了から少なくとも 10ms 以上空けること。

The host must wait for at least 10ms to send new command after sending a command.

#### 3-4. 基本的な制御の流れ Basic Control Flow

##### 3-4-1. ログイン (DN-700R での IP Control 時のみ) Login (DN-700R IP Control only)

“[System Setting](#)”の”IP Control Auth”が”On” の場合はパスワード認証を行う必要があります。

The password authentication is required when “IP Control Auth“ in “[System Setting](#)” is “On”.

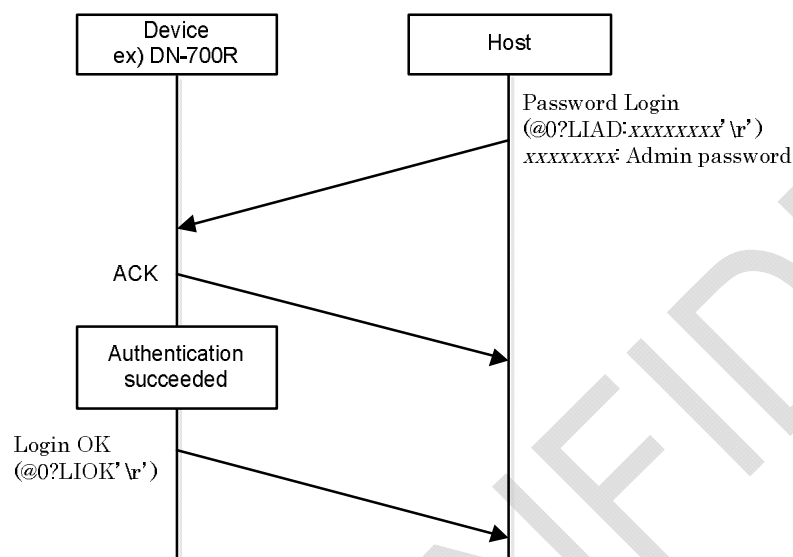


Figure 3-2 Login Flow (The case of success)

\*Note-1: 同時にログインできるユーザー数は1ユーザーです。

Only one user can be connected simultaneously.

\*Note-2: 認証失敗後はログインシーケンスを除くいずれの通信もご利用いただけません。

Any communication except login process is not available after the authentication failed.

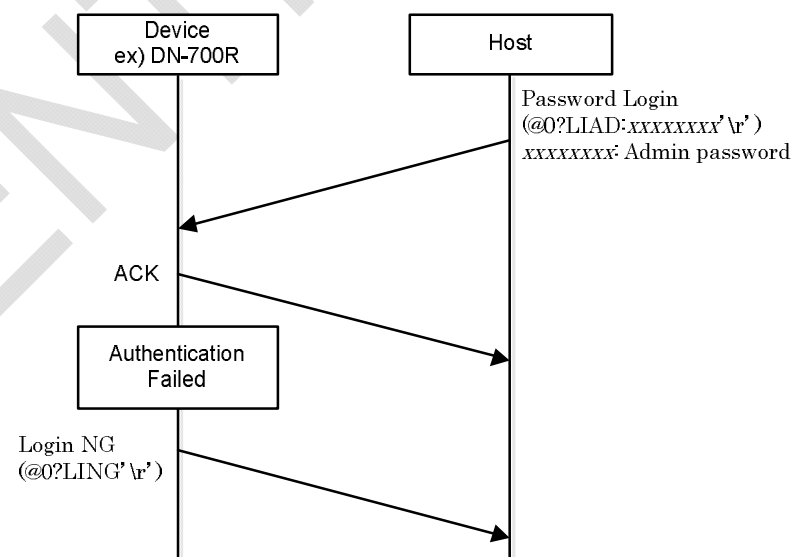


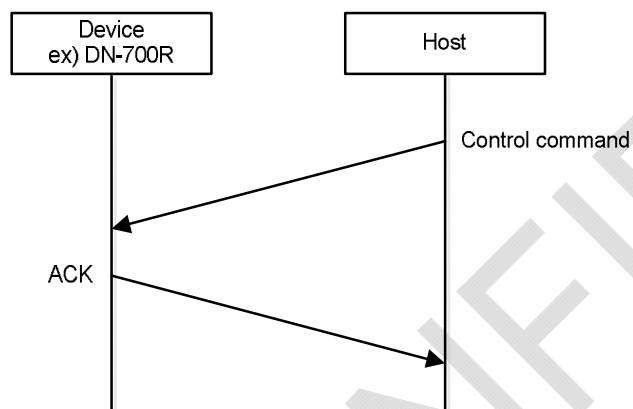
Figure 3-3 Login Flow (The case of fail)

#### 3-4-2. 外部からの本機の制御および操作 Device Control Flow

本機が制御コマンドをホストから受信すると、本機はホストに ACK（受信成功）を送信し、コマンドを実行します。”[Control Command List](#)”にコマンドの一覧を示す。

The device sends the host an ACK (Acknowledgement) and executes that command when the device receives a Control command from the host.  
The list of the Control command is shown in “[Control Command List](#)”.

Figure 3-4 Device Control Flow



また、指定のコマンド以外のデータや Start Character (‘@’) がないまま End Character (0x0D) が来た場合などは、受信失敗となり NACK（受信失敗）を返します。

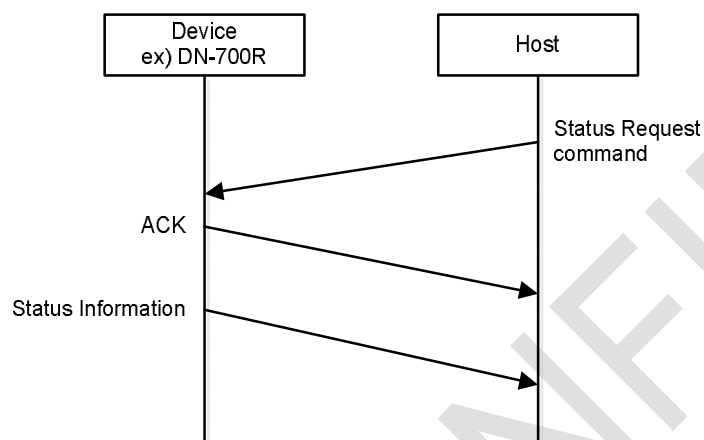
If the device receives an unknown command or an End Character ‘r’ (0x0D) without a Start Character ‘@’, it causes transmission failure and the device returns a NACK (Not Acknowledgement).

#### 3-4-3. 外部からのステータス要求コマンドに対しステータス情報を出力 [Status Request Flow](#)

ホストからのステータス要求された内容について、本機は ACK とその返答を返します。”[Status Request Command List](#)”にステータス要求とその返答の一覧を示す。

The device returns an ACK and the answer requested by the host when the device receives the Status Request command from the host. The list of the Status Request command and the corresponding answer is shown in “[Status Request Command List](#)”.

Figure 3-5 Status Request Flow



また、指定のコマンド以外のデータや Start Character (‘@’) がこないまま End Character (0x0D) がきた場合などは、受信失敗となり NACK を返します。

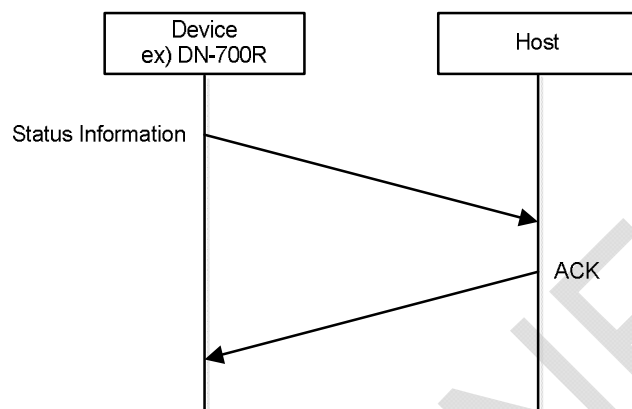
If the device receives an unknown command or an End Character ‘r’ (0x0D) without a Start Character ‘@’, it causes transmission failure and the device returns a NACK (Not Acknowledgement).

#### 3-4-4. 本機のステータスが変ったとき自動的にステータス情報を出力 [Status Notification Flow](#)

本機のステータスまたは録音や再生のファイルが切り替わったとき、ストレージのステータスが変化したとき、状態が変わったときに、“[Status Information List](#)”に記載されているような内容をホストに送信します。

The device sends the host the Status Information listed in “[Status Information List](#)” whenever the status of the device, such as the transport status, the current track, the storage media status, and other status, changes.

Figure 3-6 Status Notification Flow



このときに送信するコマンドは、“[Status Request Command List](#)”に対する回答と同じステータス情報を使用しています。

The Status Information is same as the answer for the Status Request command listed in “[Status Request Command List](#)”.

### 4. Command Table

Command の斜体文字はパラメータを示します。(例: Frame “@0fr*XX*” -> Parameter: *XX*)

*Italic characters of command mean parameter.* (Ex: Frame “@0fr*XX*” -> Parameter: *XX*)

#### 4-1. Control Command List

##### 4-1-1. Key Control

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Standby	@02312\r'	Power Standby	Yes	Yes
Power On	@023PW\r'	Power On	Yes	Yes
Stop	@02354\r'	Stop	Yes	Yes
Play	@02353\r'	Play	Yes	Yes
Play Pause	@02348\r'	Playback is Paused	Yes	Yes
Skip Back	@023SB\r'	Skip back	Yes	Yes
Cue	@023CU\r'	Cue	Yes	Yes
Frame	@0fr <i>XX</i> \r'	<i>XX</i> : Type 'ON': Switches to frame search mode and starts “Audible Pause.” '00': Move 1 frame in the forward direction. '01': Move 1 frame in the reverse direction.	Yes	Yes
FF (Cyclic speed)	@02352\r'	x2 -> x10 -> x50 -> x100 -> x200 -> x2 ->...Cyclic	Yes	Yes
FF (Specified speed)	@02352 <i>X</i> \r'	<i>X</i> : FWD Speed '1': x2, '2': x10, '3': x50, '4': x100, '5': x200	No	Yes
RWD (Cyclic speed)	@02350\r'	x2 -> x10 -> x50 -> x100 -> x200 -> x2 ->...Cyclic	Yes	Yes
RWD (Specified speed)	@02350 <i>X</i> \r'	<i>X</i> : RWD Speed '1': x2, '2': x10, '3': x50, '4': x100, '5': x200	No	Yes
Track Jump (4 digit)	@0Tr <i>nnnn</i> \r'	<i>nnnn</i> : Track No ('0001'-'2000')	Yes	Yes

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### DN-700R/700C/500R/501C

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Track Jump (3 digit)	@0TR <i>nnn</i> '\r'	<i>nnn</i> : Track No ('001'-'999')	No	Yes
Track Jump Next	@02332'\r'	Track skip forward	Yes	Yes
Track Jump Prev	@02333'\r'	Track skip reverse	Yes	Yes
End Monitor	@023EM'\r'	End Monitor	Yes	No
Rec	@02355'\r'	<ul style="list-style-type: none"> <li>When "One Touch Rec" in "Preset Setting" is "Off", send command once to enter the record pause mode and send command again to start recording.</li> <li>When "One Touch Rec" in "Preset Setting" is "On", send command once to start recording.</li> </ul>	No	Yes
Rec Pause	@023Rp'\r'	Recording is paused.	No	Yes
Rec Monitor	@023RM <i>XX</i> '\r'	<i>XX</i> : Rec monitor On/Off '00': On '01': Off	No	Yes
Timer Record Off	@023TO'\r'	Timer recording is canceled.	No	Yes
M.Track	@023MT'\r'	When recording, the file is divided at the position in which the button was pushed. One addition to Track No.	No	Yes
Mark	@023121'\r'	Adds a mark to the current playback or recording position.	No	Yes
Mark FWD	@023M+ '\r'	Jump to the mark after the current playback position.	No	Yes
Mark RWD	@023M- '\r'	Jump to the mark prior to the current playback position.	No	Yes
Pitch (On/Off)	@02337 <i>XX</i> '\r'	<i>XX</i> : Pitch On/Off 'ON': Switch the pitch on. 'OF': Switch the pitch off.	No	Yes
Pitch +	@02338'\r'	Set the pitch. + (0.1% step)	No	Yes
Pitch -	@02339'\r'	Set the pitch. - (0.1% step)	No	Yes



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### DN-700R/700C/500R/501C

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Pitch (Set value)	@0PTSSXXXX'r'	SS: Pitch On/Off, 'ON': On 'OF': Off XXXX: Pitch Value First digit Sign = '0': Plus, '1': Minus Second digit : Pitch 10('0'-'1') Third digit: Pitch 1('0'-'9') Fourth digit : Pitch 0.1('0'-'9') Range +16.0 to -16.0% (0.1% step) Ex)On, :+14.5%: SSXXXX= 'ON0145'	No	Yes
Divide	@023Dd'r'	• Divides the currently selected track at the current playback position. • Divides the recording track at the current recording position.	No	Yes
Rec Volume Up/Down	@023VX'r'	X: Volume Up/Down '+' : Set the L/R Volume + (1.0dB step) '-' : Set the L/R Volume - (1.0dB step)	No	Yes
Rec Vol Balance L/R	@023BX'r'	X: CH 'L': Rch -> -1.0dB @ Lch = 0dB Lch -> +1.0dB @ Lch < 0dB 'R': Lch -> -1.0dB @ Rch = 0dB Rch -> +1.0dB @ Rch < 0dB	No	Yes
Rec Vol Lch Up/Down	@023LX'r'	X: Volume Up/Down '+' : Set the Volume + (1.0dB step) '-' : Set the Volume - (1.0dB step)	No	Yes
Rec Vol Rch Up/Down	@023RX'r'	X: Volume Up/Down '+' : Set the Volume + (1.0dB step) '-' : Set the Volume - (1.0dB step)	No	Yes
Hot Start Play	@0HPnn'r'	nn: Hot Start No ('01'-'20')	Yes	Yes
Hot Start Cue Up	@0HCnn'r'	nn: Hot Start No ('01'-'20')	Yes	Yes
Lock Panel's Key	@023KL'r'	Key lock front panel	No	Yes
Unlock Panel's Key	@023KU'r'	Key lock front panel buttons.	No	Yes
SemiLock Panel's Key	@023KS'r'	Key lock front panel transport function buttons. (Stop/Play/Pause /Cue/Rec)	No	Yes

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### DN-700R/700C/500R/501C

**DENON**  
PROFESSIONAL

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Combine	@023CB <i>nnnn</i> ^r'	Combines the selected track with a specified track. <i>nnnn</i> :Track No ('0001'~'2000')	No	Yes
Undo	@023UD^r'	Undoes the prior edit.	No	Yes

### 4-1-2. Menu Setting

#### 4-1-2-1 User Preset Select

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Preset Select	@0PSXX\r'	These settings are performed independently for each of the 3 presets. XX: Preset No. '01': Preset1, '02': Preset2 '03': Preset3	No	Yes
Preset Title	@0PNn:xxxxxxxx\r'	n: Preset No '1': Preset1, '2': Preset2, '3': Preset3 xxxxxxxx : Preset Title (between 1 and 32 bytes) See " <a href="#">Acceptable Character Type1</a> "	No	Yes

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### DN-700R/700C/500R/501C



#### 4-1-2-2 Preset Setting

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Shift Mode	@0SmXX\r'	XX: Shift mode type 'MO': Switch to Momentary Shift Mode. 'LK': Switch to Lock Shift Mode.	No	Yes
Power On	@0POXX\r'	XX: Power on mode type. 'RM': Resume Play. Start playback from the track that was played last by the previous operation. 'PF': Play First. Playback starts from the first track in the folder that was played last by the previous operation. 'ST': Stop. Stops when the power is switched on. 'RE': Recording. Starts recording in the folder of the currently selected media.	No	Yes
Dual Rec	@0dRXX\r'	XX: Select the backup media. 'OF': Turns dual recording off. 'S1': Selects SD1 as the backup media. 'S2': Selects SD2 as the backup media. (DN-700R only) 'US': Selects USB as the backup media.	No	Yes
Relay Rec	@0rRXX\r'	XX: Secondary media select. 'OF': Turns relay recording off. 'S1': Selects SD1 as the secondary media. 'S2': Selects SD2 as the secondary media. (DN-700R only) 'US': Selects USB as the secondary media.	No	Yes
Rec Level Type	@0RLXX\r'	XX: Rec level type. 'MA': Master/bal. Adjusts the input level and balance of the left and right channels. 'LR': Separate L/R. Adjusts the input level of the left and right channels individually.	No	Yes
ALC	@0RLXX\r'	XX: ALC Type. 'MA': Turn off ALC. 'SE': ALC(Separate). Sets ALC for the left and right channels individually. 'MP': ALC(Mix). Sets the same ALC for the left and right channels.	No	Yes
One Touch Rec	@0ORXX\r'	XX: One touch recording On/Off. '00': On. Press the REC button once to start recording. '01': Off. Press the REC button once to pause recording, and again to start recording.	No	Yes
Audio Input	@0INXX\r'	XX: Audio input source select. 'UB': Unbalance. Records the RCA analog input terminal source. 'BA': Balance. Records the XLR analog input terminal source. 'DI': Coaxial. Records the RCA digital input terminal source. 'DB': AES/EBU. Records the XLR digital input terminal source.	No	Yes

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### DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Rec Format (WAV)	@0AFPMXX'r'	XX: Bit length '24': 24bit, '16': 16bit	No	Yes
Rec Format (MP3)	@0AFM3XXX'r'	XXX: Bit rate '320': 320Kbps, '256': 256Kbps, '192': 192Kbps, '128': 128Kbps, '064': 64Kbps	No	Yes
Rec Channel	@0CHXX'r'	XX: Recording channel select. 'ST': Stereo. Records as a stereo (2-channel) file. 'ML': Mono(L). Records as a monaural (left channel) file. 'MX': MonoMix. Mixes as stereo (2-channel) and records as a -3dB file.	No	Yes
Sample Rate	@0FSXX'r'	XX: Fs '96': 96KHz, '48': 48KHz, '44': 44.1KHz, 'EX': Ext(AES)	No	Yes
Pre Record	@0PRXX'r'	XX: Pre Rec Time (1~5sec, 1 sec step) '1S': 1sec, '2S': 2sec, '3S': 3sec, '4S': 4sec, '5S': 5sec, None: Off (ex : @0PR'r')	No	Yes
Auto Track	@0ATXXXX'r'	XXXX: Time '0001': 1min, '0005': 5min, '0010': 10min, '0015': 15min, '0030': 30min, '0100': 1hour, '0200': 2hour, '0600': 6hour, '0800': 8hour, '1200': 12hour, '2400': 24hour, '0000': Off	No	Yes
Auto Mark	@0AMXX'r'	XX: Turns the auto mark function '00': On '01': Off	No	Yes
Silent Skip	@0SSXX'r'	XX: Turns the silent skip function on. '00': On, '01': Off	No	Yes
Silent Level	@0SLXX'r'	XX: Level Value '60': -60dB, '54': -54dB, '38': -38dB, '20': -20dB	No	Yes
Silent Time	@0SCXX'r'	XX: Time 1~5 sec '01': 1sec, '02': 2sec, '03': 3sec, '04': 4sec, '05': 5sec	No	Yes
Play Range	@0pRXX'r'	XX: Play range 'AL': All. Plays back all of the tracks in all folders. 'FD': Folder. Plays back all of the tracks in the selected folder.	No	Yes
Play Mode	@0PMXX'r'	XX: Play Mode select. 'SP': Single. Plays back only 1 track. 'CN': Continuous. Continuously plays the tracks within the selected folder or within all folders (according to the "Play Range" setting).	No	Yes
Random	@0RNXX'r'	XX: Random order playback On/Off. '00': On, '01': Off	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Program	@0PG <del>XX</del> 'r'	<del>XX</del> : Program order playback On/Off '00': On. Plays back tracks in the set order (programmed playback). '01': Off. Programmed playback is not performed.	No	Yes
Finish Mode	@0FM <del>XX</del> 'r'	<del>XX</del> : Finish mode select. 'ST': Stop. Playback stops. 'NT': Next. When playback is stopped, the next track is cued. 'RC': ReCue. Playback stops and returns to the cue point.	No	Yes
Repeat	@0RE <del>XX</del> 'r'	<del>XX</del> : Repeat playback is performed. '00': On, '01': Off	No	Yes
Auto Cue	@0AC <del>XX</del> 'r'	After the track has been selected, audio in the beginning of the track that is below the set volume level is skipped and temporarily stops playback. <del>XX</del> : Level(dB) '36': -36dB, '42': -42dB, '48': -48dB '00': Turns the auto cue function off.	No	Yes
SKIP BACK	@0SB <del>xxx</del> 'r'	Set the skip back time for a track that is currently being played back. 0.5 sec. ~ 60 sec. (0.5~10 sec. = 0.5 sec. step, 10~60 sec. = 5 sec. step) <del>xxx</del> : Time Ex) '005': 0.5sec, '050': 5.0sec, '600': 60.0sec	No	Yes
Search Mode	@0sM <del>XX</del> 'r'	<del>XX</del> : Search mode select. 'NO': Normal. Plays back audio in 2x speed search, but does not play back audio at faster playback speeds. 'SL': Silent. Audio is not played back during search.	No	Yes
Auto Fade In	@0FI <del>xx</del> 'r'	Sets the fade in time at the start of playback. (Off, 500msec, 1.0sec or 3.0sec) <del>xx</del> : Time '00': Off, '05': 500msec, '10': 1.0sec, '30': 3.0sec	No	Yes
Auto Fade Out	@0FO <del>xx</del> 'r'	Sets the fade out time at the stop of playback. (Off, 500msec, 1.0sec or 3.0sec) <del>xx</del> : Time '00': Off, '05': 500msec, '10': 1.0sec, '30': 3.0sec	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Start Delay	@0sD <del>xxx</del> \r'	Sets the playback start timing. Playback starts after the set time. (Off,100,200,300msec) <del>xxx</del> : Time '000': Off, '010': 100msec, '020': 200msec, '030': 300msec	No	Yes
End Of Message	@0ED <del>xx</del> \r'	Sets how the EOM display lights in the display. <del>xx</del> : Time '0F': Off, '00': 0.5sec, '05': 5sec, '10': 10sec, '15': 15sec, '20': 20sec, '30': 30sec, '60': 60sec	No	Yes
Master Key	@0KY <del>XX</del> \r'	<del>XX</del> : Master key On/Off for the pitch control function. '00': On, '01': Off	No	Yes
Time Display	@0TD <del>XXX</del> \r'	<del>XXX</del> : Time display type select. 'HMS': HH:MM:SS. Displayed in hours / minutes / seconds. 'MSF': MMM:SS:FF. Displayed in minutes / seconds / frames.	No	Yes
File Sort	@0FR <del>XX</del> \r'	<del>XX</del> : File sort type select. 'AL': Name (Alphabetical). Sorts files into order of symbols→numbers→alphabetical order. 'DA': Date. Sorts files into date order.	No	Yes
Dimmer	@0DM <del>XX</del> \r'	Display and LED Dimmer '00': On, '01': Off	No	Yes
Display Dimmer	@0DD <del>xx</del> \r'	Sets the brightness of the display. <del>xx</del> : Dimmer Value '00': 100%, '01': 75%, '02': 50%, '03': 25%, '04': 0%	No	Yes
LED Dimmer	@0LD <del>xx</del> \r'	Sets the LED brightness. <del>xx</del> : Dimmer Value '00': 100%, '01': 75%, '02': 50%, '03': 25%	No	Yes
Screen Saver	@0Ss <del>XX</del> \r'	<del>XX</del> : Screen Saver On/Off '00': On. The screen saver starts when there are no operations for 30 minutes. '01': Off	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Fader Start	@0FDXX'r'	<p>XX: Fader Start type.</p> <p>'PL': Play. Plays back while the FADER START pin of the parallel remote is closed.</p> <p>'PU': PlayPause. Plays back while the FADER START pin is closed, and pauses when this pin is opened.</p> <p>'NE': PlayNext. Plays back while the FADER START pin is closed, and jumps to the next track when this pin is opened.</p> <p>'LO': Play&amp;Lock. Plays back while the FADER START pin is closed, and locks the keys of the unit.</p> <p>'LP': Play&amp;LockPause. Plays back when the FADER START pin closes, and locks the keys of the unit. Playback pauses when this pin opens.</p> <p>'LN': Play&amp;LockNext. Plays back when the FADER START pin closes, and locks the keys of the unit. Playback jumps to the next track when this pin opens.</p> <p>'SP': StartPause. During recording or playback, recording or playback starts when FADER START is closed, and recording or playback is paused when FADER START is opened.</p> <p>'ST': StartPauseTrack. During recording, Recording starts when FADER START is closed and is paused when FADER START is opened. Furthermore, if FADER START is closed again when recording is paused, the file is updated to a new file and recording restarts.</p> <p>'MT': Manual Track. If FADER START is closed when recording is paused, the file is updated to a new file and recording continues.</p>	No	Yes
Para Rem Mode	@0PAXX'r'	<p>XX: Sets the operating mode of the parallel remote function.</p> <p>'HT': Sets the Hot Start mode.</p> <p>'HC': Sets the Hot Cue mode (Playback is not performed by Hot Start).</p>	No	Yes
Keyboard Type	@0KBXX'r'	<p>XX: Sets the language type of the keyboard.</p> <p>'US': English(US) 'UK': English(UK) 'FR': France 'GE': German</p> <p>'IT': Italia 'SP': Spanish 'NE': Nederland 'SW': Swedish 'JP': Japanese</p>	No	Yes
Default	@0DEFL'r'	Resets all of the preset settings to the defaults.	No	Yes



# Serial Command Protocol Guide

## DN-700R/700C/500R/501C

### 4-1-2-3 Archive Setting

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Archive Mode	@0AR <del>XX</del> \r'	<del>XX</del> : Sets the language type of the keyboard. 'AT': Auto. Recorded files are automatically archived when recording is complete. 'SC': Timed. Recorded files are archived according to a set schedule when recording is complete. '01': Off. No archiving.	No	DN-700R only
Schedule (Day Of Week)	@0asDW <del>xxxxxxxx</del> hhmm\r'	<del>xxxxxxxx</del> : Week (x is 'SMTWTFS' or '_') Ex) '_M_W_F_' means Monday, Wednesday and Friday are scheduled. Hhmm: Time hh: '00'-'23', '**': Every hour mm: '00'-'59'	No	DN-700R only
Schedule (Date Time)	@0asDTYYMMDDhmm\r'	YYMMDD: Year/Month/Date YY: '13'-'35' in 2000, '**': Every year MM: '01'-'12', '**': Every month DD: '01'-'31', hmm: Time hh: '00'-'23', mm: '00'-'59'	No	DN-700R only
Server (IP)	@0Ai <del>xxxxxxxxxxxx</del> \r'	<del>xxxxxxxxxxxx</del> : IP Address (without '.'(dot)) Ex) 127.0.0.1 = '127000000001'	No	DN-700R only
Server (User Name)	@0Au <del>xxxxxxxxxxxx</del> \r'	<del>xxxxxxxxxxxx</del> : User Name (255 bytes max.) See " <a href="#">Acceptable Character Type3</a> "	No	DN-700R only
Server (Password)	@0Ap <del>xxxxxxxxxxxx</del> \r'	<del>xxxxxxxxxxxx</del> : Pass word (between 0 - 12 bytes.) See " <a href="#">Acceptable Character Type3</a> "	No	DN-700R only
Server (Folder)	@0Ao <del>xxxxxx</del> \r'	<del>xxxxxx</del> : Folder name ( <a href="#">Specify from FTP root</a> , 254 bytes max.) See " <a href="#">Acceptable Character Type1</a> "	No	DN-700R only
Auto Deletion	@0AD <del>XX</del> \r'	<del>XX</del> : Time '24': 24h, '12': 12h, '06': 6h, '03': 3h, '01': 1h, '0F': Off	No	DN-700R only
Clear After Arc.	@0CA <del>XX</del> \r'	<del>XX</del> : On/Off '00': On. Files are automatically deleted after archiving is complete. '01': Off. Files are not deleted after archiving is complete.	No	DN-700R only
Default	@0DEAC\r'	Initializes the setting details for archiving.	No	DN-700R only

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-1-2-4 Rec Timer

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Timer Recording Setting (DayOfWeek)	@0ShDWXXxxxxxxx HHMMhhmmUUUUU\ r'	<p>XX: Timer No. ('01'-'30')</p> <p>xxxxxxx: Week (x is 'SMTWTFS' or '_')</p> <p>Ex) '_M_W_F_' means Monday, Wednesday and Friday are scheduled.</p> <p>HHMM: Start time</p> <p>HH: '00'-'23', '**': Every hour</p> <p>MM: '00'-'59'</p> <p>hhmm: Duration time</p> <p>hh: '00'-'23',</p> <p>mm: '00'-'59'</p> <p>UUUUU: User Area (32 bytes max.)</p> <p>See "<a href="#">Acceptable Character Type1</a>"</p>	No	Yes
Timer Recording Setting (DateTime)	@0ShDTXXYYMMDDH H MMhhmmUUUUU\ r'	<p>XX: Timer No. ('01'-'30')</p> <p>YYMMDD: Date</p> <p>YY: '13'-'35' in 2000, '**': Every year</p> <p>MM: '01'-'12', '**': Every month</p> <p>DD: '01'-'31'</p> <p>HHMM: Start time</p> <p>HH: '00'-'23',</p> <p>MM: '00'-'59'</p> <p>hhmm: Duration time</p> <p>hh: '00'-'23',</p> <p>mm: '00'-'59'</p> <p>UUUUU: User Area (32 bytes max.)</p> <p>See "<a href="#">Acceptable Character Type1</a>"</p>	No	Yes
Timer Recording Delete	@0ShDLXX\ r'	XX: Timer No. ('01'-'30')	No	Yes
All Rec Timer Delete	@0ShAD\ r'		No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-1-2-5 Play Timer

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Timer Playback Setting (Day Of Week)	@0TPDW <i>XXxxxxxxx</i> <i>hhmmFFFFr</i> '	<i>XX</i> : Timer No. ('01'-'30') <i>xxxxxx</i> : Week (x is 'SMTWTFS' or '_') Ex) '_M_W_F_' means Monday, Wednesday and Friday are scheduled. <i>Hhmm</i> : Start Time <i>hh</i> : '00'-'23', '**': Every hour <i>mm</i> : '00'-'59' <i>FFFF</i> : File name (252 bytes max including file extension.) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Timer Playback Setting (Date Time)	@0TPDT <i>XXYYMMDD</i> <i>hhmmFFFFr</i> '	<i>XX</i> : Timer No. ('01'-'30') <i>YYMMDD</i> : Date <i>YY</i> : '13'-'35' in 2000, '**': Every year <i>MM</i> : '01'-'12', '**': Every month <i>DD</i> : '01'-'31' <i>Hhmm</i> : Start Time <i>hh</i> : '00'-'23', <i>mm</i> : '00'-'59' <i>FFFF</i> : File name (252 bytes max including file extension.) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Timer Playback Delete	@0TPDL <i>XXr</i> '	<i>XX</i> : Timer No. ('01'-'30')	No	Yes
All Play Timer Delete	@0TPAD <i>r</i> '		No	Yes

### 4-1-2-6 Program List

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Program List Insert	@0Pinnxxx\r'	Append a track into Program List. Or insert a new track in front of the selected track. nn: Insert Position No. ('01'~'99') xxx: File No. ('0001'~'2000')	No	Yes
Program List Remove	@0Pmnn\r'	nn: Remove list No. ('01'~'99')	No	Yes
Program List Load	@0PlNNNNNNM\r'	NNNNNN: File name (252 bytes max) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Program List Save	@0PsNNNNNNM\r'	NNNNNN: File name (252 bytes max) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes

### 4-1-2-7 Hot List

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Hot Start List Load	@0HLNNNNNNN'r'	NNNN: File name (252 bytes max) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Hot Start List Save	@0HSSR'r'	Saves the hot lists on the selected media.	Yes	Yes
Hot Start List Item Set	@0hsnnxxx'r'	Sets the hot list. Or re-sets the selected hot list. Nn: Hot Start No. ('01'-'20') xxx: File No. ('0001'-2000' or '0000':The setting is cancelled.)	Yes	Yes
	@0HSnnxxx'r'	Sets the hot list. Or re-sets the selected hot list. Nn: Hot Start No. ('01'-'20') xxx: File No. ('001'-'999' or '000':The setting is cancelled.)	No	Yes
	@0HsnnNNNNNNN'r' ,	Sets the hot list. Or re-sets the selected hot list. Nn: Hot Start No. ('01'-'20') NNNNN: File Name (none: The setting is cancelled. 252 bytes max.) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes

# Serial Command Protocol Guide

## DN-700R/700C/500R/501C



### 4-1-2-8 System Setting

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Timer Priority	@0tpXX'r'	XX: Play timer priority select '00': On. Timer playback starts any time other than when recording. '01': Off. Timer playback only starts in the standby, stop or cue state.	No	Yes
Rec Folder (Current)	@0RfCU'r'	Current. Recorded data is saved into the currently selected folder.	No	Yes
Rec Folder (Fixed)	@0RfFXNNNNNNNN'r'	Recorded data is saved into a fixed folder directly below the root folder. NNNNN: Folder name (255 bytes max) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Folder or File name without folder path</a> "	No	Yes
Signal Pass Thru	@0SpXX'r'	The input signal is passed through unchanged to the rear audio terminals. XX: On/Off '00': On , '01': Off	No	Yes
User Area	@0USXX'r'	Sets the character string (user area) added to the recorded file name. XX: On/Off '00': On , '01': Off	No	Yes
User Area (Name)	@0UaXXXXXXXXXX'r'	User area name can be renamed according to their use. Xxxx: User Area (32 bytes max) See " <a href="#">Acceptable Character Type1</a> "	No	Yes
File Name form	@0FfXXX'r'	XXX: Sets the file name creation format when recording. 'MDU': MN_DT_UA + file extension. 'MUD': MN_UA_DT + file extension. 'DMU': DT_MN_UA + file extension. 'DUM': DT_UA_MN + file extension. 'UMD': UA_MN_DT + file extension. 'UDM': UA_DT_MN + file extension. (MN = Machine name, UA = User area, DT = Recording start time)	No	Yes
Mono Play	@0MOXX'r'	XX: On/Off '00': On. Playback channels are summed and output as monaural. '01': Off. Playback channels are output in accordance with the input source.	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Output Rate	@0dFXX'r'	XX: Digital Out FS 'AT': Auto. Sets the audio output sampling rate based on the rate of the input media or file. '44': Sets the audio output sampling rate at 44.1 kHz. '48': Sets the audio output sampling rate at 48 kHz. 'EX': Ext(AES). Sets the audio output sampling rate uses an external clock (AES/EBU) to output audio.	No	Yes
Line/Mic	@0LMXYY'r'	X: Ch 'L': Lch, 'R': Rch YY: Line / Mic 'LN': Sets the mode of the XLR left channel at line input. 'MC': Sets the mode of the XLR left channel at microphone input.	No	DN-700R only
Phantom	@0PhXYY'r'	X: Ch 'L': Lch, 'R': Rch YY: On/Off '00': On. Turns phantom power on for this channel. However, when "Line/Mic" is set to "Line", turn phantom power off. '01': Off. Turns phantom power off for this channel.	No	DN-700R only
Mic In Sens	@0MsXYY'r'	Adjusts the XLR microphone sensitivity for L/R channel. X: Ch 'L': Lch, 'R': Rch YY: Mic Sens Value (-16dBu ~ -60dBu, 1.0dBu step) '16'-'60' Ex) -16dBu = 16	No	DN-700R only
Volume Input	@0VLXX'r'	XX: Fixed/Variable 'FX': Fixed. The analog recording input level is fixed at 0dB. 'VA': Variable. The analog recording input level can be adjusted Mute	No	Yes
Ref (XLR/RCA)	@0FrXX'r'	Sets the input/output reference level. XX: Reference value '24': XLR=+24dBu / RCA=+10dBV '20': XLR=+20dBu / RCA=+6dBV '18': XLR=+18dBu / RCA=+4dBV	No	Yes

# Serial Command Protocol Guide

## DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Input Trim	@0It.XYYYXXX\r'	Adjusts the analog input for the left channel. X: Ch 'L': Lch, 'R': Rch YYY: Trim value (+2.0dB~-2.0dB 0.1dB step) Ex) '+15': +1.5dB, '-15': -1.5dB	No	Yes
Output Trim	@0Ot.XYYY\r'	Adjusts the analog output for the left channel. X: Ch 'L': Lch, 'R': Rch YYY: Trim value (+2.0dB~-2.0dB 0.1dB step) Ex) '+15': +1.5dB, '-15': -1.5dB	No	Yes
Time Form	@0TF.XX\r'	XX: Switches the current time display '12': 12-hour mode (AM/PM). '24': 24-hour mode.	No	Yes
Date Form	@0DF.XX\r'	XX: Displays the date 'MD': Month/Day/Year order. 'DM': Day/Month/Year order. 'YM': Year/Month/Day order.	No	Yes
Display Contrast	@0BN.XX\r'	Sets the contrast of the display. XX: Contrast values ('01'~'05')	No	Yes
Language (*Note-1)	@0LN.XX\r'	XX: Displays the file names and folder names 'US': English. 'JP': Japanese	No	Yes
Machine Name	@0MN.xxxxxxxxxxxx\r'	Edits the UpnP device name. xxxxxxxxxxx: Machine Name See " <a href="#">Acceptable Character Type4</a> "	No	Yes
IP Address	@0Ip.xxxxxxxxxxxx\r'	xxxxxxxxxxx: IP Address Ex) When IP Address is 192.168.000.002, parameter='192168000002' Case of Auto = 'AUTO00000000'	No	DN-700R only
Subnet mask (*Note-1)	@0SM.xxxxxxxxxxxx\r'	xxxxxxxxxxx: Subnet mask Ex) When Subnet mask is 255.255.255.000, parameter='255255255000'	No	DN-700R only
Gateway (*Note-1)	@0GW.xxxxxxxxxxxx\r'	xxxxxxxxxxx: Gateway IP Ex) When Gateway is 192.168.000.005, parameter='192168000005'	No	DN-700R only
DNS Server (*Note-1)	@DN.xxxxxxxxxxxx\r'	xxxxxxxxxxx: DNS IP Ex) When DNS is 192.168.000.006, parameter='192168000006'	No	DN-700R only



## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
IP Control Port (*Note-1)	@0IpXXXXX\r'	XXXXX: Port No. '00000'~'65535'	No	DN-700R only
IP Control Auth (*Note-1)	@0IaXX\r'	XX: Password authentication is required for IP control. '00': On '01': Off	No	DN-700R only
Network Standby	@0NsXX\r'	XX: On/Off '00': On. Power is supplied to the network related circuits even in standby mode, and the unit can be controlled from the network. '01': Off. Only Front Sub u-Con operates (low power operation).	No	DN-700R only
NTP Server	@0NPXXXXXXXXXX\r'	XXXXXXXXXX: NTP Server IP Ex) When NTP server is 192.168.000.007, parameter='192168000007' Case of Off:'DISABLE00000'	No	DN-700R only
NTP Cycle	@0NC <hhmm\r'< td=""><td>hhmm: NTP Cycle 00:15~24:00</td><td>No</td><td>DN-700R only</td></hhmm\r'<>	hhmm: NTP Cycle 00:15~24:00	No	DN-700R only
Syslog	@0SlXXXXXXXXXX\r'	XXXXXXXXXX: Syslog server IP Ex) When Syslog server is 192.168.000.007, parameter='192168000007' Case of Off: 'DISABLE00000'	No	DN-700R only
Time Zone	@0TZnxxxx\r'	n: '+' or '-' xxxx: Time Zone -12:00~+14:00 (15 min step) (00:00 is GMT) Ex) +9:30 ... n='+' xxxx = 0930	No	DN-700R only
Daylight Saving (DST)	@0dSXX\r'	XX: Daylight saving time is applied. '00': On, '01': Off	No	Yes
DST Offset	@0do <hhmm\r'< td=""><td>hhmm: DST Offset Time '0000': 00:00 ~ '0600' 06:00 (15min Step)</td><td>No</td><td>Yes</td></hhmm\r'<>	hhmm: DST Offset Time '0000': 00:00 ~ '0600' 06:00 (15min Step)	No	Yes
DST Start Date	@0dsMMDD <hhmm\r'< td=""><td>MMDD<hhmm: date="" dst="" start="" time<br=""></hhmm:>MM: Month '01'-'12' DD: Date '01'-'31' hh: Hour '00'-'23' mm: Minute '00'-'59' Ex) 1/23 04:56 = MMDD<hhmm: 01230456<="" td=""><td>No</td><td>Yes</td></hhmm:></td></hhmm\r'<>	MMDD <hhmm: date="" dst="" start="" time<br=""></hhmm:> MM: Month '01'-'12' DD: Date '01'-'31' hh: Hour '00'-'23' mm: Minute '00'-'59' Ex) 1/23 04:56 = MMDD <hhmm: 01230456<="" td=""><td>No</td><td>Yes</td></hhmm:>	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
DST End Date	@0deMMDDhhmm\r'	MMDDhhmm: DST End Date Time MM: Month '01'-'12' DD: Date '01'-'31' hh: Hour '00'-'23' mm: Minute '00'-'59' Ex) 1/23 04:56 = MMDDhhMM:01230456	No	Yes
Admin Password	@0PDxxxxxxxxxx\r'	xxxxxxxxxx: Password Set the password between 6 and 12 bytes. See " <a href="#">Acceptable Character Type2</a> "	No	Yes
Operator Password	@0Opxxxxxxxxxx\r'	xxxxxxxxxx: Password Set the password between 6 and 12 bytes. See " <a href="#">Acceptable Character Type2</a> "	No	DN-700R only
Observer Password	@0Opxxxxxxxxxx\r'	xxxxxxxxxx: Password Set the password between 6 and 12 bytes. See " <a href="#">Acceptable Character Type2</a> "	No	DN-700R only
PrdMgr Detect (*Note-2)	@0PdXX\r'	Permits connection from Product Manager. XX: On/Off '00': On, '01': Off	No	DN-700R only
PrdMgr Power Ctrl (*Note-2)	@0PPXX\r'	Permits the unit power to be switched on/off from Product Manager. XX: On/Off '00': On, '01': Off	No	DN-700R only
Auto Reboot	@0ArXX\r'	Reboots automatically if the main processor freezes. XX: On/Off '00': On, '01': Off	No	Yes
Default	@0DESY\r'	Resets all of the system settings to the defaults.	No	Yes

\*Note-1: The player will automatically reboot (power off and then back on) to enable the settings.

\*Note-2: PrdMgr (DENON Professional Product Manager) is an application that allows you to control DENON products from a PC or MAC.

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-1-2-9 Utility Setting

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Time/Date Setting	@0Dt <i>YYMMDDhhmm</i> \r'	<i>YYMMDD</i> : Date <i>YY</i> : '13'-'35' in 2000, <i>MM</i> : '01'-'12', <i>DD</i> : '01'-'31' <i>hhmm</i> : Time <i>hh</i> : '00'-'23', <i>mm</i> : '00'-'59'	No	Yes
Load Setting	@0PVLD\r'	Reads the preset setting file stored in the root folder of the currently used media, and changes the settings of the unit accordingly.	No	Yes
Save Setting	@0PVSA\r'	Saves the current preset settings in the root folder of the currently used media.	No	Yes
Format Media	@023FOMAT\r'	Formats the currently used media.	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



#### 4-1-3. File List Control

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Change Current Media	@0MMXX\r'	XX: Change the current media 'S1': SD1. 'S2': SD2 ( DN-700R only) 'US': USB 'NE': NET ( DN-700R only)	No	Yes
Make Folder	@0MFXXXXXXXXXX\r'	XXXXXXXX: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Folder or File name without folder path</a> "	No	Yes
Rename Folder	@0RFXXXXXXXXXX:XXXXXXXXXX\r'	xxx: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Absolute Folder or File name</a> " XXX: New Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Folder or File name without folder path</a> "	No	Yes
Delete Folder	@0DRXXXXXXXXXX\r'	xxx: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Folder or File name without folder path</a> "	No	Yes
Move File (4 digit)	@0MvnnnnXXXXXXXXXX\r'	nnnn: File No. ('0001'-'2000') XXXXX: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Move File (3 digit)	@0MVnnnXXXXXXXXXX\r'	nnn: File No. ('001'-'999') XXXXX: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Absolute Folder or File name</a> " (*Note-1)	No	Yes
Copy File (4 digit)	@0CynnnnXXXXXXXXXX\r'	nnnn: File No. ('0001'-'2000') XXXXX: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Copy File (3 digit)	@0CYnnnXXXXXXXXXX\r'	nnn: File No. ('001'-'999') XXXXX: Folder name (252 bytes max) . See " <a href="#">Acceptable Character Type1</a> " . See " <a href="#">Absolute Folder or File name</a> " (*Note-1)	No	Yes

## Serial Command Protocol Guide DN-700R/700C/500R/501C

Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Cancel Moving File /Copying File	@0CNAL'r'	This command is available only while file copying or moving.	No	Yes
Delete File (4 digit)	@023Te.xxxx'r'	xxxx: File No. ('0001'-'2000')	No	Yes
Delete File (3 digit)	@023Te.xxx'r'	xxx: File No. ('001'-'999') (*Note-1)	No	Yes
Rename File(4 digit)	@0RnnnnnXXXXXXXXXXXXX'r'	nnnn: File No. ('0001'-'2000') XXXXX: File name (251 bytes max) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Folder or File name without folder path</a> " (excluding file extension)	No	Yes
Rename File(3 digit)	@0RNnnnXXXXXXXXX'r'	nnn: File No. ('001'-'999') XXXXX: File name (251 bytes max) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Folder or File name without folder path</a> " (excluding file extension) (*Note-1)	No	Yes
Hot Start Setting (4 digit)	@0hsnnxxx'r'	nn: Hot Start No. ('01'-'20') xxxx: File No. ('0001'-'2000')	Yes	Yes
Hot Start Setting ( 3digit)	@0HSnnxxx'r'	nn: Hot Start No. ('01'-'20') xxx: File No. ('001'-'999') (*Note-1)	No	Yes
Hot Start Setting (File Name)	@0HsnnNNNNN'r'	nn: Hot Start No. ('01'-'20') NNNNNN: File Name (252 bytes max including file extension) See " <a href="#">Acceptable Character Type1</a> " See " <a href="#">Absolute Folder or File name</a> "	No	Yes
Delete Mark	@023Me'r'	Delete all marks inserted in the current Track.	No	Yes
Select Folder	@0SfXXXX'r'	XXXX: Folder No. '0000'-'0999': Enter selected folder.	Yes	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Get Folder List	@0GLXXXX\r'	XXXX: Folder No. ('0001'-'1000', '0000', '9999') '0001'-'9999': Enter selected folder. '0000' and '9999' are meaning "Up one level" without the product is in Root directory.	Yes	Yes

\*Note-1: These commands are provided for backward compatibility with earlier model which can handle the tracks up to 999 such as DN-F650R.

### 4-2. Status Request Command List

Status Request Command を送信すると、Status Information Command を受信します。

“Status Information Command” is received after “Status Request Command” is sent.

#### 4-2-1. Current Status Information

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Power Status	@0?PW\r'	On	@0PW00\r'	See “ <a href="#">Key Control</a> ”	Yes	Yes
		Standby	@0PW01\r'	See “ <a href="#">Key Control</a> ”	Yes	Yes
		Network Standby	@0PW02\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Media Status	@0?CD \r'	No Disc	@0CDNC\r'	There is not media	Yes	Yes
		Disc In	@0CDCI\r'	There is media.	Yes	Yes
		Card Error	@0CDCE\r'	Card media error.	No	Yes
		Unformat	@0CDUF\r'	Mounted media is unformatted.	No	Yes
		Write Protect	@0CDWP\r'	Mounted media is write protected.	No	Yes
		Door Open	@0CDDO\r'	Card slot door open.	No	Yes
Status	@0?ST\r'	D-In Unlock	@0STRU\r'	Digital audio input clock is unlocked.	No	Yes
		Rec	@0STRE\r'	See “ <a href="#">Key Control</a> ”	No	Yes
		Rec Pause	@0STRP\r'	See “ <a href="#">Key Control</a> ”	No	Yes
		Stop	@0STST\r'	See “ <a href="#">Key Control</a> ”	Yes	Yes
		Cue	@0STCE\r'	See “ <a href="#">Key Control</a> ”	Yes	Yes
		Cue Execute	@0STAC\r'	See “ <a href="#">Preset Setting</a> ”	Yes	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
		Timer standby (Rec or Play)	@0STSH\r'	See <a href="#">“Rec Timer”</a> See <a href="#">“Play Timer”</a>	No	Yes
		Play	@0STPL\r'	See <a href="#">“Key Control”</a>	Yes	Yes
		Play Pause	@0STPP\r'	See <a href="#">“Key Control”</a>	Yes	Yes
		Audible Pause	@0STPR\r'	See <a href="#">“Key Control”</a>	Yes	Yes
		FWD	@0STFF\r'	See <a href="#">“Key Control”</a>	Yes	Yes
		RWD	@0STRW\r'	See <a href="#">“Key Control”</a>	Yes	Yes
		A-B Repeat	@0STAB\r'	A-B Repeat Executing	Yes	No
		Loading	@0STLD\r'	Under Loading data.	Yes	Yes
		Busy	@0STBY\r'	Under Busy situation	Yes	Yes
		File List	@0STFL\r'	File List is displayed	Yes	Yes
		Menu	@0STED\r'	Menu Setting is displayed	Yes	Yes
		Error	@0STER\r'	Something error occurred.	Yes	Yes
Play Speed	@0?SP\r'	Play Speed value	@0SPXxxx\r'	X: FWD or RWD 'F': FWD 'R': RWD xxx: Speed '002': x2, '010': x10, '050': x50, '100': x100, '200': x200	No	Yes
Media	@0?MM\r'	USB	@0MMXX\r'	XX: Media 'US': USB, 'S1': SD1, 'S2': SD2, 'NE': NET, 'CD': CD, 'IP': iPod	No	Yes



## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Date Time	@0?Dt\r'	Date Time	@0Dt YYMMDDhhmm m\r'	YYMMDDhhmm: Date Time YY: '13'-'35' in 2000, MM: '01'-'12' DD: '01'-'31' hh: '00'-'23' mm: '00'-'59' Ex)2013/Jan/23 12:34 = YYMMDDhhmm: 1301231234	No	Yes
Rec Monitor	@0?Rm\r'	On	@0Rm00\r'	See " <a href="#">Key Control</a> "	No	Yes
		Off	@0Rm01\r'	See " <a href="#">Key Control</a> "	No	Yes
Lock Panel's Status	@0?LS\r'	Lock	@0LSLK\r'	See " <a href="#">Key Control</a> "	No	Yes
		Unlock	@0LSUL\r'	See " <a href="#">Key Control</a> "	No	Yes
		SemiLock	@0LSSL\r'	See " <a href="#">Key Control</a> "	No	Yes
Total Track Number	@0?Tt\r'	Total Track Number	@0TtXXXX\r'	XXXX: Total Track	Yes	Yes
	@0?TT\r'	Total Track Number	@0TTXXX\r'	XXX: Total Track	No	Yes
Track Number	@0?Tr\r'	Track Number	@0TrXXXX\r'	XXXX: Track No	Yes	Yes
	@0?TR\r'	Track Number	@0TRXXX\r'	XXX: Track No	No	Yes
Hot Start Play No.	@0?HP\r'	Playing Hot Start No	@0HPXX\r'	XX: Hot Start No	Yes	Yes
Elapse Time	@0?ET\r'	Elapse Time	@0Et hhhmmss\r'	hhhmmss: Time	Yes	Yes
Remain Time	@0?RM\r'	Remain Time	@0RM hhhmmss\r'	hhhmmss: Time	Yes	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Rec Remain Time	@0?RT\r'	Rec Remain Time	@0RT <h>hmmss'\r'</h>	<i>hhmmss</i> : Time	No	Yes
Media Free	@0?FE <i>mm</i> \r'	Free Size	@0FE <i>mm</i> XXXXXX\r'	<i>mm</i> : Media 'S1': SD1, 'S2': SD2, 'US': USB XXXXXX: Capacity Ex) '32GB', '750MB', '954KB', '789B'	No	Yes
Current Folder Name	@0?SF\r'	Current Folder Name	@0SFDNNNNNNN AX\r'	<i>D</i> : Media No. '1': SD1, '2': USB, '3': CD, '4': SD2, '5': NET <i>NNN</i> . . . : Folder Name (*Note-1)	Yes	Yes
Rec Volume	@0?RV\r'	Rec Volume	@0RVLLRR\r'	<i>LL</i> : Left Ch Volume <i>RR</i> : Right Ch Volume Ex) '60': -60dB '+1': +01dB '+A': +10dB (* Round down to the nearest decimal)	No	Yes
Pitch	@0?PT\r'	Pitch setting	@0PTSSXXXX\r'	<i>SS</i> : On/Off 'ON': On, 'OF': Off XXXX: Pitch Value Ex) '+123': +12.3%	No	Yes
Total Mark Number	@0?Tm\r'	Total Mark Number	@0TmXX\r'	<i>XX</i> : Total Mark number	No	Yes
Mark Time	@0?Mt <i>nn</i> \r' ( <i>nn</i> : Mark Number)	Mark Time	@0Mt <h>hmmssff'\r'</h>	<i>hhmmssff</i> : Mark Time	No	Yes

\*Note-1: 255 bytes max. Language (See "[System Setting](#)", Language) is "Japanese" = ASCII and S-JIS. Language is "English" = ISO/IEC 8859-1)

# Serial Command Protocol Guide

## DN-700R/700C/500R/501C



### 4-2-2. Menu Setting

#### 4-2-2-1 User Preset Select

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Preset Setting	@0?PS\r'	Preset No	@0PSXX\r'	XX: Preset No. ('01'-'03')	No	Yes
Preset Title	@0?PNn\r'	Preset Title	@0PNnxxxxx\r'	n: Preset No. ('1'-'3') xxxxx: Preset Name (32 bytes max, (*Note-1))	No	Yes

\*Note-1: 255 bytes max. Language (See "[System Setting](#)", Language) is "Japanese" = ASCII and S-JIS. Language is "English" = ISO/IEC 8859-1)

#### 4-2-2-2 Preset Setting

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Shift Mode	@0?Sm\r'	Momentary	@0SmMO\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Lock	@0SmLK\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Power On	@0?PO\r'	Resume Play	@0PORM\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Play First	@0POPF\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Stop	@0POST\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Rec	@0PORE\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Dual Rec	@0?dR\r'	Off	@0dROF\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		SD1	@0dRS1\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		SD2	@0dRS2\r'	See " <a href="#">Preset Setting</a> "	No	DN-700R only
		USB	@0dRUS\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Relay Rec	@0?rR\r'	Off	@0rROF\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		SD1	@0rRS1\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		SD2	@0rRS2\r'	See " <a href="#">Preset Setting</a> "	No	DN-700R only

# Serial Command Protocol Guide

## DN-700R/700C/500R/501C



Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
		USB	@0rRUS\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Rec Level Type	@0?RL\r'	Master/Bal	@0RlMA\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		Separate L/R	@0RlLR\r'	See <a href="#">“Preset Setting”</a>	No	Yes
ALC	@0?RL\r'	Manual	@0RLMA\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		ALC(Separate)	@0RLSE\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		ALC(Mix)	@0RLMI\r'	See <a href="#">“Preset Setting”</a>	No	Yes
One Touch Rec	@0?OR\r'	On	@0OR00\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		Off	@0OR01\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Audio Input	@0?IN\r'	Unbalance	@0INUB\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		Balance	@0INBA\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		Coaxial	@0INDI\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		AES/EBU	@0INDB\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Rec Format	@0?AF\r'	PCM-XX	@0AFPMxx\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		MP3-XXX	@0AFM3XXX\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Rec Channel	@0?CH\r'	Stereo	@0CHST\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		Mono(L)	@0CHML\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		MonoMix	@0CHMX\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Sample Rate	@0?FS\r'	Sample rate Value	@0FSXX\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Pre Record	@0?PR\r'	Off	@0PR\r'	See <a href="#">“Preset Setting”</a>	No	Yes
		Pre Rec Time	@0PRxS\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Auto Track	@0?AT\r'	Auto Track Time	@0ATHHMM\r'	See <a href="#">“Preset Setting”</a>	No	Yes
Auto Mark	@0?AM\r'	On	@0AM00\r'	See <a href="#">“Preset Setting”</a>	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
		Off	@0AM01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Silent Skip	@0?SS\r'	On	@0SS00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Off	@0SS01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Silent Level	@0?SL\r'	Silent Level	@0SLXX\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Silent Time	@0?SC\r'	Silent Time	@0SCXX\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Play Range	@0?pR\r'	All	@0pRAL\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Folder	@0pRFD\r'	See " <a href="#">Preset Setting</a> "	No	Yes
	@0?PR\r'	All	@0PR00\r'	See " <a href="#">Preset Setting</a> "	No	No
		Folder	@0PR01\r'	Plays back all of the tracks in the selected folder.	No	No
Play Mode	@0?PM\r'	Single Play	@0PMSP\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Continuous	@0PMCN\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Random	@0?RN\r'	On	@0RN01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Off	@0RN00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Program	@0?PG\r'	Normal Play	@0PG00\r'	See " <a href="#">Preset Setting</a> "	Yes	Yes
		Program Play	@0PG01\r'	See " <a href="#">Preset Setting</a> "	Yes	Yes
Finish Mode	@0?FM\r'	Stop	@0FMST\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Next	@0FMNT\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Recue	@0FMRC\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Repeat	@0?RE\r'	On	@0RE00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Off	@0RE01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Auto Cue	@0?AC\r'	Off	@0AC00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Level	@0ACXX\r'	See " <a href="#">Preset Setting</a> "	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C



Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Skip Back	@0?SB\r'	Time	@0SBXX\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Search Mode	@0?sM\r'	Normal	@0sMNO\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Silent	@0sMSL\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Auto Fade In	@0?FI\r'	Time	@0FLXX\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Auto Fade Out	@0?FO\r'	Time	@0FOX\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Start Delay	@0?sD\r'	Time	@0sDxx\r'	See " <a href="#">Preset Setting</a> "	No	Yes
End Of Message	@0?ED\r'	Time	@0EDXX\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Master Key	@0?KY\r'	On	@0KY00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Off	@0KY01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Time Display	@0?TD\r'	HH:MM:SS	@0TDHMS\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		MMM:SS:FF	@0TDMSF\r'	See " <a href="#">Preset Setting</a> "	No	Yes
File Sort	@0?FR\r'	Name(Alphabetical)	@0FRAL\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Date	@0FRDA\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Dimmer	@0?DM\r'	On	@0DM00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Off	@0DM01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Display Dimmer	@0?DD\r'	Dimmer Value	@0DDxx\r'	See " <a href="#">Preset Setting</a> "	No	Yes
LED Dimmer	@0?LD\r'	Dimmer Value	@0LDxx\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Screen Saver	@0?Ss\r'	On	@0Ss00\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Off	@0Ss01\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Fader Start	@0?FD\r'	Play	@0FDPL\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		PlayPause	@0FDPU\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		PlayNext	@0FDNE\r'	See " <a href="#">Preset Setting</a> "	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
		Play&Lock	@0FDLO\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Play&LockPause	@0FDLP\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Play&LockNext	@0FDLN\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		StartPause	@0FDSP\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		StartPauseTrack	@0FDST\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Manual Track	@0FDMT\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Para Rem Mode	@0?PA\r'	Hot Start	@0PAHT\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Hot Start Cue Up	@0PAHC\r'	See " <a href="#">Preset Setting</a> "	No	Yes
Keyboard Type	@0?KB\r'	English(US)	@0KBUS\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		English(UK)	@0KBUK\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		France	@0KBFR\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		German	@0KBGE\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Italia	@0KBIT\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Spanish	@0KBSP\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Nederland	@0KBNE\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Swedish	@0KBSW\r'	See " <a href="#">Preset Setting</a> "	No	Yes
		Japanese	@0KBJP\r'	See " <a href="#">Preset Setting</a> "	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-2-2-3 Archive Control

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Archive Mode	@0?AR\r'	Auto	@0ARAT\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
		Timed	@0ARSC\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
		Off	@0AR01\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
Schedule	@0?as\r'	Day Of Week	@0asDWxxxxxxhhmm\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
		Date Time	@0asDTYYMMDDhhmm\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
Server (IP Address)	@0?AI\r'	Archive Server IP Address	@0Aixxxxxxxx\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
Server (User Name)	@0?AU\r'	Archive User Name	@0AUXXXXXXXXXX\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
Server (Folder)	@0?AO\r'	Archive Folder	@0AOXXXXXXXXXX\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
Auto Deletion	@0?AD\r'	Off	@0ADOF\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
		XXh	@0ADXX\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
Clear After Arc.	@0?CA\r'	On	@0CA00\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only
		Off	@0CA01\r'	See “ <a href="#">Archive Setting</a> ”	No	DN-700R only



## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-2-2-4 Rec/Play Timer

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Timer Recording Setting	@0?ShXX\r' XX: Timer No. (‘01’-‘30’)	Day Of Week	@0ShDWxxxxxxxxHHMM hhmmUUUU\r'	See “ <a href="#">Rec Timer</a> ”.	No	Yes
		Date Time	@0ShDTYYMMDDHHMM hhmmUUUU\r'	See “ <a href="#">Rec Timer</a> ”.	No	Yes
Timer Playback Setting	@0?TPXX\r' XX: Timer No. (‘01’-‘30’)	Day Of Week	@0TPDWxxxxxxxxhhmmFFFF\r'	See “ <a href="#">Play Timer</a> ”.	No	Yes
		Date Time	@0TPDTYYMMDDhhmmFFFF\r'	See “ <a href="#">Play Timer</a> ”.	No	Yes
Current Timer	@0?Ct\r'	Rec Timer	@0CtRExx\r'	xx: Timer No. (‘01’-‘30’)	No	Yes
		Play Timer	@0CtPLxx\r'	xx: Timer No. (‘01’-‘30’)	No	Yes
Reserved Timer	@0?Rt\r'	Rec Timer	@0RtRExx\r'	xx: Timer No. (‘01’-‘30’)	No	Yes
		Play Timer	@0RtPLxx\r'	xx: Timer No. (‘01’-‘30’)	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-2-2-5 Hot List

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Hot Start Set File Information	@0?Hsnn\r' (nn: Hot start No)	Hot Start Set File Information	@0Hsnnxxxxxx:HHHmmsstt\r'	nn: Hot Start No. ('01'-'20') xxxx: File Name (*Note-1) '1:/xxxx': SD1, '2:/xxxx': USB, '3:/xxxx': CD, '4:/xxxx': SD2, '5:/xxxx': NET HHH: Hour mm: Minute ss: Second tt: Millisecond	Yes	Yes

\*Note-1: 255 bytes max. Language (See "[System Setting](#)", Language) is "Japanese" = ASCII and S-JIS. Language is "English" = ISO/IEC 8859-1)

# Serial Command Protocol Guide

## DN-700R/700C/500R/501C

### 4-2-2-6 System Setting

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Timer Priority	@0?tp\r'	On	@0tp00\r'	See <a href="#">“System Setting”</a>	No	Yes
		Off	@0tp01\r'	See <a href="#">“System Setting”</a>	No	Yes
Rec Folder	@0?Rf\r'	Current	@0RfCU\r'	See <a href="#">“System Setting”</a>	No	Yes
		Fixed	@0RfFX\N\N\N\N\N\r'	See <a href="#">“System Setting”</a>	No	Yes
Signal Pass Thru	@0?Sp\r'	On	@0Sp00\r'	See <a href="#">“System Setting”</a>	No	Yes
		Off	@0Sp01\r'	See <a href="#">“System Setting”</a>	No	Yes
User Area (On/Off)	@0?US\r'	On	@0US00\r'	See <a href="#">“System Setting”</a>	No	Yes
		Off	@0US01\r'	See <a href="#">“System Setting”</a>	No	Yes
User Area (Name)	@0?UA\r'	User area Name	@0Uaxxxxxxxxx\r'	See <a href="#">“System Setting”</a>	No	Yes
File Name Form	@0?Ff\r'	MN_DT_UA	@0FfMDU\r'	See <a href="#">“System Setting”</a>	No	Yes
		MN_UA_DT	@0FfMUD\r'	See <a href="#">“System Setting”</a>	No	Yes
		DT_MN_UA	@0FfDMU\r'	See <a href="#">“System Setting”</a>	No	Yes
		DT_UA_MN	@0FfDUM\r'	See <a href="#">“System Setting”</a>	No	Yes
		UA_MN_DT	@0FfUMD\r'	See <a href="#">“System Setting”</a>	No	Yes
		UA_DT_MN	@0FfUDM\r'	See <a href="#">“System Setting”</a>	No	Yes
Mono Play	@0?MO\r'	On	@0MO00\r'	See <a href="#">“System Setting”</a>	No	Yes
		Off	@0MO01\r'	See <a href="#">“System Setting”</a>	No	Yes
Output Rate	@0?dF\r'	Auto	@0dFAT\r'	See <a href="#">“System Setting”</a>	No	Yes
		44.1KHz	@0dF44\r'	See <a href="#">“System Setting”</a>	No	Yes
		48KHz	@0dF48\r'	See <a href="#">“System Setting”</a>	No	Yes
		Ext(AES)	@0dFEX\r'	See <a href="#">“System Setting”</a>	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Line/Mic Lch	@0?LML\r'	Line	@0LMLLN\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
		Mic	@0LMLMC\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
Line/Mic Rch	@0?LMR\r'	Line	@0LMRLN\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
		Mic	@0LMRMC\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
Phantom Lch	@0?PhL\r'	On	@0PhL00\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
		Off	@0PhL01\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
Phantom Rch	@0?PhR\r'	On	@0PhR00\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
		Off	@0PhR01\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
Mic In Sens Lch	@0?MsL\r'	Mic Sens value	@0MsLXX\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
Mic In Sens Rch	@0?MsR\r'	Mic Sens value	@0MsRXX\r'	See <a href="#">“System Setting”</a>	No	DN-700R only
Volume Input	@0?VI\r'	Fixed	@0VIFX\r'	See <a href="#">“System Setting”</a>	No	Yes
		Variable	@0VIVA\r'	See <a href="#">“System Setting”</a>	No	Yes
Ref (XLR/RCA)	@0?Fr\r'	Reference value	@0FrXX\r'	See <a href="#">“System Setting”</a>	No	Yes
Input Trim Lch	@0?ItL\r'	Trim value	@0ItLXXX\r'	See <a href="#">“System Setting”</a>	No	Yes
Input Trim Rch	@0?ItR\r'	Trim value	@0ItRXXX\r'	See <a href="#">“System Setting”</a>	No	Yes
Output Trim Lch	@0?OtL\r'	Trim value	@0OtLXXX\r'	See <a href="#">“System Setting”</a>	No	Yes
Output Trim Rch	@0?OtR\r'	Trim value	@0OtRXXX\r'	See <a href="#">“System Setting”</a>	No	Yes
Time Form	@0?TF\r'	12h	@0TF12\r'	See <a href="#">“System Setting”</a>	No	Yes
		24h	@0TF24\r'	See <a href="#">“System Setting”</a>	No	Yes
Date Form	@0?DF\r'	MDY	@0DFMD\r'	See <a href="#">“System Setting”</a>	No	Yes
		DMY	@0DFDM\r'	See <a href="#">“System Setting”</a>	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
		YMD	@0DFYM\r'	See “ <a href="#">System Setting</a> ”	No	Yes
Display Contrast	@0?BN\r'	Contrast value	@0BNXX\r'	See “ <a href="#">System Setting</a> ”	No	Yes
Language	@0?LN\r'	English	@0LNUS\r'	See “ <a href="#">System Setting</a> ”	Yes	Yes
		Japan	@0LNJP\r'	See “ <a href="#">System Setting</a> ”	Yes	Yes
Machine Name	@0?MN\r'	Machine Name	@0MNXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	Yes
IP Address	@0?IP\r'	IP Address	@0IpXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Subnet mask	@0?SM\r'	Sub net mask	@0SMXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Gateway	@0?GW\r'	Gateway	@0GWXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
DNS Server	@0?DN\r'	DNS IP	@0DNXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
IP Control Port	@0?Ip\r'	IP Control Port	@0IpXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
IP Control Auth	@0?Ia\r'	On	@0Ia00\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
		Off	@0Ia01\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Network Standby	@0?Ns\r'	On	@0Ns00\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
		Off	@0Ns01\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
NTP Server	@0?NP\r'	NTP Server	@0NPXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
NTP Cycle	@0?NC\r'	NTP Cycle	@0NC <hhmm\r'< td=""><td>See “<a href="#">System Setting</a>”</td><td>No</td><td>DN-700R only</td></hhmm\r'<>	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Syslog	@0?Sl\r'	Syslog	@0SlXXXXXXXXXX\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Time Zone	@0?TZ\r'	Time Zone	@0TZnxxx\r'	See “ <a href="#">System Setting</a> ”	No	DN-700R only
Daylight Saving (DST)	@0?dS\r'	On	@0dS00\r'	See “ <a href="#">System Setting</a> ”	No	Yes
		Off	@0dS01\r'	See “ <a href="#">System Setting</a> ”	No	Yes
DST Offset	@0?do\r'	DST Offset Time	@0do <hhmm\r'< td=""><td>See “<a href="#">System Setting</a>”</td><td>No</td><td>Yes</td></hhmm\r'<>	See “ <a href="#">System Setting</a> ”	No	Yes
DST Start Date	@0?ds\r'	DST Start Date	@0dsMMDD <hhmm\r'< td=""><td>See “<a href="#">System Setting</a>”</td><td>No</td><td>Yes</td></hhmm\r'<>	See “ <a href="#">System Setting</a> ”	No	Yes

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### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
DST End Date	@0?de\r'	DST End Date	@0deMMDDhhmm\r'	See " <a href="#">System Setting</a> "	No	Yes
PrdMgr Detect	@0?Pd\r'	On	@0Pd00\r'	See " <a href="#">System Setting</a> "	No	DN-700R only
		Off	@0Pd01\r'	See " <a href="#">System Setting</a> "	No	DN-700R only
PrdMgr Power Ctrl	@0?PP\r'	On	@0PP00\r'	See " <a href="#">System Setting</a> "	No	DN-700R only
		Off	@0PP01\r'	See " <a href="#">System Setting</a> "	No	DN-700R only
Auto Reboot	@0?Ar\r'	On	@0Ar00\r'	See " <a href="#">System Setting</a> "	No	Yes
		Off	@0Ar01\r'	See " <a href="#">System Setting</a> "	No	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

#### 4-2-3. File List

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Track Name	@0?tnxxx\r' xxx: Track No. (0001-2000)	Track Name	@0tnNNNNNN\r'	NNNNNN: Track name (255 bytes max, *Note-1)	Yes	Yes
Track Name	@0?Tnxxx\r' xxx: Track No. (001-999)	Track Name	@0TnNNNNNN\r'	NNNNNN: Track name (255 bytes max, *Note-1)	No	Yes
Track Size	@0?tsxxx\r' xxx: Track No. (0001-2000)	Track Size	@0tsXXXXXX\r'	XXXXXX: File size (Kbyte)	Yes	Yes
Track Size	@0?Tsxxx\r' xxx: Track No. (001-999)	Track Size	@0TsXXXXXX\r'	XXXXXX: File size (Kbyte)	No	Yes
Current Track Time	@0?tl\r'	Current Track Time	@0tlMMMSSFF\r'	MMM: Minute ('000'-'999') SS: Second ('00'-'59') FF: Frame ('00'-'74')	No	Yes
Folder List	@0?FL\r'	Folder Name	@0FLAAAAA:BBBBB B:CCCCC\r'	AAAAAA..., BBBBBB..., CCCCC... Folder Name (252 bytes max, *Note-1)	No	No
Total Folder Number	@0?Tf\r'	Total Folder Number	@0TfXXXX\r'	XXXX: Total number of folder in the current folder ( '0000'-'2000')	Yes	Yes
Folder Name	@0?Fnxxx\r' xxx: Folder No. (0001-2000)	Folder Name	@0FnXXXXXX\r'	XXXXXX: Folder name (252 bytes max, *Note-1)	Yes	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Current Track Channel	@0?ch\r'	Stereo	@0chST\r'		Yes	Yes
		Mono	@0chMO\r'		Yes	Yes
Current Track Format	@0?af\r'	PCM	@0afPMXX\r'	XX: Bit length ('16' or '24')	Yes	Yes
		MP3	@0afM3XXX\r'	XXX: Bit rate in Kbps	Yes	Yes
		AIFF	@0afALXX\r'	XX: Bit length ('16' or '24')	No	Yes
		AAC	@0afACXXX\r'	XXX: Bit rate in Kbps	Yes	Yes
Current Track Fs	@0?fs\r'	Current Track Fs	@0fsXX\r'	XX: fs '44': 44.1KHz, '48': 48KHz, '96': 96KHz	Yes	Yes
Artist of Current Track	@0?at\r'	Artist name	@0atxxx\r'	xxx: Artist (64 bytes max, *Note-1)	Yes	Yes
Title of Current Track	@0?ti\r'	Title	@0tixxx\r'	xxx: Title (64 bytes max, *Note-1)	Yes	Yes
Album of Current Track	@0?al\r'	Album name	@0alxxx\r'	xxx: Album (64 bytes max, *Note-1)	Yes	Yes
Update List	@0?UL\r'	Not Changed Since Previous Query	@0UL00\r'		No	Yes
		Updated	@0UL01\r'		No	Yes

\*Note-1: Language (See "[System Setting](#)", Language) is "Japanese" = ASCII and S-JIS. Language is "English" = ISO/IEC 8859-1)



### 4-2-4. Other

Request	Command	Ans.	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Password Login (Only for IP Remote)	@0?LIAD:yyyyyy\r' yy: Admin Password	OK	@0LIOK\r'	Login accepted.	No	DN-700R only
		NG	@0LING\r'	Login failed.	No	DN-700R only
Version	@0?VN\r'	Version	@0VNxxxxxxxxxxxx xxxxxx\r'	xxxxxxx: Version No(8 digits) xxxxxxxx: model name (Case of DN-700R:DN-700R) (Case of DN-500R:DN-500R)	No	Yes
MAC Address	@0?MA\r'	Mac Address	@0MAXXXXXXXXXXX X\r'	XXXXXXXXXXXX: Mac Address	No	DN-700R only

### 4-3. Status Information List

The following information message commands are sent from the device when the state change described in Title occurs.

Title	Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
Media Change	Media Card	@0CDNC\r'	No Card. Storage card was ejected from the slot.	Yes	Yes
		@0CDCI\r'	Card In. Storage card was inserted to the slot.	Yes	Yes
		@0CDCE\r'	Card Error. An error occurred on the storage card.	No	Yes
		@0CDUF\r'	Unformat. Inserted storage card is unformatted.	No	Yes
		@0CDWP\r'	Write Protect. Inserted storage card is write-protected.	No	Yes
		@0CDDO\r'	Door Open. Storage slot door opened.	No	Yes
Device Status Change	Recording Status	@0STRE\r'	Recording	No	Yes
		@0STRP\r'	Rec Pause	No	Yes
		@0STRU\r'	DIR Unlocked. The Digital Interface Receiver unlocked while the source input is set to the digital audio such as AES/EBU or Coaxial.	No	Yes
	Stop Status	@0STST\r'	Stop	Yes	Yes
		@0STCE\r'	Cue	Yes	Yes
		@0STAC\r'	Cue executing.	Yes	Yes
		@0STSH\r'	Timer Standby.	No	Yes
	Playback Status	@0STPL\r'	Play.	Yes	Yes
		@0STPP\r'	Play Pause	Yes	Yes
		@0STPR\r'	Audible Pause	Yes	Yes
		@0STFF\r'	FWD	Yes	Yes
		@0STRW\r'	RWD	Yes	Yes

## Serial Command Protocol Guide

### DN-700R/700C/500R/501C

Title	Function	Command	Description	DN-501C/ DN-700C	DN-500R/ DN-700R
	Other Status	@0STLD\r'	Loading of storage card started.	Yes	Yes
		@0STBY\r'	Busy	Yes	Yes
		@0STFL\r'	Entering to File List menu.	Yes	Yes
		@0STED\r'	Entering to main Menu.	Yes	Yes
		@0STER\r'	An operation error occurred.	Yes	Yes
Current Track Change	Track No.	@0TrXXXX\r'	XXXX: Track No. ('0001'-'2000')	Yes	Yes

## 5. Appendix

### 5-1. Acceptable Character

“[System Setting](#)”の“Language”が“US (English)”にセットされているとき受付可能な文字セットは ISO/IEC 8859-1 で、“JP (Japanese)”にセットされているときは ASCII and S-JIS です。

The acceptable character set is ISO/IEC 8859-1 when “Language” in the “[System Setting](#)” is set to “US (English)”, and is ASCII and S-JIS when “Language” in the “[System Setting](#)” is set to “JP (Japanese)”.

#### 5-1-1. Acceptable Character Type1

- 使用可能文字コードは下表(Table 5-1)の通り。網掛けは禁止文字。

[Acceptable characters are shown in Table 5-1. \(The characters that are colored in gray are not acceptable.\)](#)

- Language が日本語設定の場合 (“[System Setting](#)”-> Language=Jpn)、0x80 以上はすべて禁止。日本語入力は不可。

[If “Language” \(See “\[System Setting\]\(#\)”, Language\) is set to “Japanese”, 0x80 and greater characters are not acceptable.](#)

**Table 5-1** Acceptable Character

	X0	X1	X2	X3	X4	X5	X6	X7	X8	X9	XA	XB	XC	XD	XE	XF
0X																
1X																
2X	<i>SP</i>	!	“	#	\$	%	&	‘	(	)	*	+	,	-	.	/
3X	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4X	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5X	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
6X	`	a	B	c	D	e	f	g	h	I	j	k	l	m	n	o
7X	p	q	R	s	T	u	v	w	x	Y	z	{		}	~	<i>DEL</i>
8X																
9X																
AX	<i>NBSP</i>	¡	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	-	®	¯
BX	°	±	²	³	´	µ	¶	·	,	¹	º	»	¼	½	¾	¿
CX	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
DX	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
EX	à	á	â	ã	Ä	å	æ	ç	è	É	ê	ë	ì	í	î	ï
FX	ð	ñ	ò	ó	Ô	õ	ö	÷	ø	Ù	ú	û	ü	ý	þ	ÿ

### 5-1-2. Acceptable Character Type2

Admin Passwd / Operator Passwd / Observer Passwd に対して入力可能文字コードは、0x3A (":") と 0x22 ("") を除く英数字と表示可能な記号。

As for Admin Password / Operator Password / Observer Password, acceptable characters are between 0x21 (!) and 0x7E (~) except 0x3A (:)

and 0x22 (").

#### 5-1-3. Acceptable Character Type3

FTP User Account に対して入力可能文字コードは 0x3A (":") と 0x22 (""") を除く 0x20 ("<SP>") ~0x7E ("~")。

As for FTP User Account, acceptable characters are between 0x20('<SP>') and 0x7E ('~') except 0x3A (':') and 0x22 ('").

#### 5-1-4. Acceptable Character Type4

Machine Name に対して入力可能文字コードは英数字と 0x2D ("-")と 0x5F("\_")のみ。

As for Machine Name, acceptable characters are alphanumeric and 0x2D ('-') and 0x5F ('\_').

## 5-2. Folder name/File name

### 5-2-1. Absolute Folder or File name

Folder name もしくは File name を root フォルダからのフルパスで指定する。(root フォルダは 0x2F("/")、セパレータは 0x2F("/")で指定する。)

例) Folder name: /NewFolder, File name: /NewFolder/NewFile.wav

Folder name or File name must be specified in full-path from the root folder. (Root folder is expressed in 0x2F ('/') of the top, and the separator is 0x2F ('/').)

Ex) Folder name: /NewFolder, File name: /NewFolder/NewFile.wav

### 5-2-2. Folder or File name without folder path

Folder name もしくは File name をパス無しで指定する。

Folder name or File name is specified without folder path.

## 6. History

Date	Revision	Author	Description
2014/02/03	1.01	A.Sakai	<ul style="list-style-type: none"><li>• Modified “Copy File (3 digits)” command.</li><li>• Modified the length of the IP command packet.</li><li>• Added “CUE” command for DN-700C/501C.</li><li>• Added “Select Folder” command.</li><li>• Changed “Change Folder” command to “Get Folder List” command and added comment.</li><li>• Added the drive letter to “Hot Start Set File Information” command.</li><li>• Added <a href="#">コマンドの送信間隔時間 Command Interval Time</a>.</li><li>• Added “History” (this page).</li></ul>
2014/03/25	1.02	A.Sakai	<ul style="list-style-type: none"><li>• Added the “Mac Address” and “Version” status request commands.</li><li>• Added the “NTP Cycle” command and status request command.</li><li>• Removed the “0%” from LED Dimmer description.</li><li>• Changed the Auto Fade In/Out Parameter digit. (3digit -&gt; 2digit)</li></ul>
2014/04/02	1.03	A.Sakai	<ul style="list-style-type: none"><li>• Corrected errors.</li></ul>
2014/04/23	1.04	A.Sakai K.Matsumoto	<ul style="list-style-type: none"><li>• Corrected errors (End of Message 01:0.5sec -&gt;00:0.5sec)</li><li>• Corrected errors. “Current Media Free” -&gt; ”Media Free” 、 and Modified command.</li></ul>
2014/04/24	1.05	K.Matsumoto	<ul style="list-style-type: none"><li>• Removed the “00:On” from Silent Level description.</li></ul>