



Network SD/USB Recorder

# DN-700R

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**Quick Start Guide**

**Kurzinstallationsanleitung**

**Guide de configuration rapide**

**Guida rapida all'installazione**

**Guía de configuración rápida**

**Snabbinstallationsguide**

**クイックスタートガイド**

## IMPORTANT TO SAFETY

### WARNING:

To reduce the risk of fire and electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus

## CAUTION

### 1. Handle the power supply cord carefully

Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

### 2. Do not open the rear cover

In order to prevent electric shock, do not open the top cover. If problems occur, contact your DENON DEALER.

### 3. Do not place anything inside

Do not place metal objects or spill liquid inside the system. Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.

Model No. DN-700R

Serial No. \_\_\_\_\_



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



### CAUTION:

**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## FCC INFORMATION (For US customers)

### 1. COMPLIANCE INFORMATION

**Product Name: NETWORK SD/USB Recorder**

**Model Number: DN-700R**

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

DENON Professional div. D&M Professional  
1100 Maplewood Drive Itasca, IL 60143  
Tel. 630-741-0330

### 2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by DENON may void your authority, granted by the FCC, to use the product.

### 3. IMPORTANT

When connecting this product to network hub or router, use only a shielded STP or ScTP LAN cable which is available at retailer.

Follow all installation instructions. Failure to follow instructions could void your authority, granted by the FCC, to use the product.

### 4. NOTE

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help.

CAN ICES-3(B)/NMB-3(B)

# IMPORTANT SAFETY INSTRUCTIONS

## READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



### Additional Safety Information!

16. This product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

**CAUTION: (English)**

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.

The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

Do not expose batteries to excessive heat such as sunshine, fire or the like.

**VORSICHT: (Deutsch)**

Um dieses Gerät vollständig von der Stromversorgung abzutrennen, trennen Sie bitte den Netzstecker von der Wandsteckdose ab.

Die Hauptstecker werden verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein. Setzen Sie Batterien nicht übermäßiger Wärme aus, z. B. Sonnenstrahlung, Feuer oder dergleichen.

**PRECAUTION: (Français)**

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale.

La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement.

N'exposez pas les batteries à une chaleur excessive telle que le soleil, le feu ou autre.

**ATTENZIONE: (Italiano)**

Per scollegare definitivamente questo prodotto dalla rete di alimentazione elettrica, togliere la spina dalla relativa presa.

La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente.

Non esporre le batterie a un calore eccessivo, per esempio al sole, al fuoco o altre fonti.

**PRECAUCIÓN: (Español)**

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.

El enchufe de la alimentación se utiliza para interrumpir por completo el suministro de alimentación a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

No exponga las pilas a calor excesivo, como a la luz solar, el fuego, etc.

**VOORZICHTIGHEID: (Nederlands)**

Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken.

De netstekker wordt gebruikt om de stroomtoevoer naar het toestel volledig te onderbreken en moet voor de gebruiker gemakkelijk bereikbaar zijn.

Stel de batterijen niet bloot aan felle zonneschijn, brand, enzovoorts.

**FÖRSIKTIHETSMÅTT: (Svenska)**

Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet.

Stickproppen används för att helt bryta strömförsörjningen till apparaten, och den måste vara lättillgänglig för användaren.

Utsätt inte batterierna för stark hetta såsom solsken, eld eller liknande.

**ATENÇÃO: (Português)**

Para desligar completamente este produto da corrente, desligue a ficha da tomada eléctrica.

A ficha eléctrica é utilizada para interromper completamente a alimentação da unidade e deve estar num local onde o utilizador lhe possa aceder facilmente.

Não exponha as pilhas a fontes de calor excessivo, como luz solar, fogo ou semelhantes.

**NOTE ON USE / HINWEISE ZUM GEBRAUCH**

WARNINGS	WARNHINWEISE
<ul style="list-style-type: none"> <li>• Avoid high temperatures. Allow for sufficient heat dispersion when installed in a rack.</li> <li>• Handle the power cord carefully. Hold the plug when unplugging the cord.</li> <li>• Keep the unit free from moisture, water, and dust.</li> <li>• Unplug the power cord when not using the unit for long periods of time.</li> <li>• Do not obstruct the ventilation holes.</li> <li>• Do not let foreign objects into the unit.</li> <li>• Do not let insecticides, benzene, and thinner come in contact with the unit.</li> <li>• Never disassemble or modify the unit in any way.</li> <li>• Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths or curtains.</li> <li>• Naked flame sources such as lighted candles should not be placed on the unit.</li> <li>• Observe and follow local regulations regarding battery disposal.</li> <li>• Do not expose the unit to dripping or splashing fluids.</li> <li>• Do not place objects filled with liquids, such as vases, on the unit.</li> <li>• Do not handle the mains cord with wet hands.</li> <li>• When the switch is in the OFF (STANDBY) position, the equipment is not completely switched off from MAINS.</li> <li>• The equipment shall be installed near the power supply so that the power supply is easily accessible.</li> <li>• Do not keep the battery in a place exposed to direct sunlight or in places with extremely high temperatures, such as near a heater.</li> </ul>	<ul style="list-style-type: none"> <li>• Vermeiden Sie hohe Temperaturen. Beachten Sie, dass eine ausreichende Belüftung gewährleistet wird, wenn das Gerät auf ein Regal gestellt wird.</li> <li>• Gehen Sie vorsichtig mit dem Netzkabel um. Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen.</li> <li>• Halten Sie das Gerät von Feuchtigkeit, Wasser und Staub fern.</li> <li>• Wenn das Gerät längere Zeit nicht verwendet werden soll, trennen Sie das Netzkabel vom Netzstecker.</li> <li>• Decken Sie den Lüftungsbereich nicht ab.</li> <li>• Lassen Sie keine fremden Gegenstände in das Gerät kommen.</li> <li>• Lassen Sie das Gerät nicht mit Insektiziden, Benzin oder Verdünnungsmitteln in Berührung kommen.</li> <li>• Versuchen Sie niemals das Gerät auseinander zu nehmen oder zu verändern.</li> <li>• Die Belüftung sollte auf keinen Fall durch das Abdecken der Belüftungsöffnungen durch Gegenstände wie beispielsweise Zeitungen, Tischtücher, Vorhänge o. Ä. behindert werden.</li> <li>• Auf dem Gerät sollten keinerlei direkte Feuerquellen wie beispielsweise angezündete Kerzen aufgestellt werden.</li> <li>• Bitte beachten Sie bei der Entsorgung der Batterien die örtlich geltenden Umweltbestimmungen.</li> <li>• Das Gerät sollte keiner tropfenden oder spritzenden Flüssigkeit ausgesetzt werden.</li> <li>• Auf dem Gerät sollten keine mit Flüssigkeit gefüllten Behälter wie beispielsweise Vasen aufgestellt werden.</li> <li>• Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.</li> <li>• Wenn der Schalter ausgeschaltet ist (OFF (STANDBY)-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt.</li> <li>• Das Gerät sollte in der Nähe einer Netzsteckdose aufgestellt werden, damit es leicht an das Stromnetz angeschlossen werden kann.</li> <li>• Lagern Sie die Batterie nicht an einem Ort, an dem sie direktem Sonnenlicht oder extrem hohen Temperaturen ausgesetzt ist, wie z. B. in der Nähe eines Heizgeräts.</li> </ul>

☐ OBSERVATIONS RELATIVES A L'UTILISATION / NOTE SULL'USO / NOTAS SOBRE EL USO / ALVORENS TE GEBRUIKEN / OBSERVERA /  
NOTA SOBRE UTILIZAÇÃO

AVERTISSEMENTS	AVVERTENZE	ADVERTENCIAS	WAARSCHUWINGEN	VARNINGAR	AVISOS
<ul style="list-style-type: none"> <li>• Eviter des températures élevées. Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère.</li> <li>• Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon.</li> <li>• Protéger l'appareil contre l'humidité, l'eau et la poussière.</li> <li>• Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes.</li> <li>• Ne pas obstruer les trous d'aération.</li> <li>• Ne pas laisser des objets étrangers dans l'appareil.</li> <li>• Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil.</li> <li>• Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre.</li> <li>• Ne pas recouvrir les orifices de ventilation avec des objets tels que des journaux, nappes ou rideaux. Cela entraverait la ventilation.</li> <li>• Ne jamais placer de flamme nue sur l'appareil, notamment des bougies allumées.</li> <li>• Veuillez à respecter les lois en vigueur lorsque vous jetez les piles usagées.</li> <li>• L'appareil ne doit pas être exposé à l'eau ou à l'humidité.</li> <li>• Ne pas poser d'objet contenant du liquide, par exemple un vase, sur l'appareil.</li> <li>• Ne pas manipuler le cordon d'alimentation avec les mains mouillées.</li> <li>• Lorsque l'interrupteur est sur la position OFF (STANDBY), l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS).</li> <li>• L'appareil sera installé près de la source d'alimentation, de sorte que cette dernière soit facilement accessible.</li> <li>• Ne placez pas la pile dans un endroit exposé à la lumière directe du soleil ou dans des endroits présentant des températures extrêmement élevées, par exemple près d'un radiateur.</li> </ul>	<ul style="list-style-type: none"> <li>• Evitate di esporre l'unità a temperature elevate. Assicuratevi che vi sia un'adeguata dispersione del calore quando installate l'unità in un mobile per componenti audio.</li> <li>• Maneggiate il cavo di alimentazione con attenzione. Tenete ferma la spina quando scollegate il cavo dalla presa.</li> <li>• Tenete l'unità lontana dall'umidità, dall'acqua e dalla polvere.</li> <li>• Scollegate il cavo di alimentazione quando prevedete di non utilizzare l'unità per un lungo periodo di tempo.</li> <li>• Non coprite i fori di ventilazione.</li> <li>• Non inserite corpi estranei all'interno dell'unità.</li> <li>• Assicuratevi che l'unità non entri in contatto con insetticidi, benzolo o solventi.</li> <li>• Non smontate né modificate l'unità in alcun modo.</li> <li>• Le aperture di ventilazione non devono essere ostruite coprendole con oggetti, quali giornali, tovaglie, tende e così via.</li> <li>• Non posizionate sull'unità fiamme libere, come ad esempio candele accese.</li> <li>• Prestate attenzione agli aspetti legati alla tutela dell'ambiente nello smaltimento delle batterie.</li> <li>• L'apparecchiatura non deve essere esposta a gocciolii o spruzzi.</li> <li>• Non posizionate sull'unità alcun oggetto contenente liquidi, come ad esempio i vasi.</li> <li>• Non toccare il cavo di alimentazione con le mani bagnate.</li> <li>• Quando l'interruttore è nella posizione OFF (STANDBY), l'apparecchiatura non è completamente scollegata da MAINS.</li> <li>• L'apparecchio va installato in prossimità della fonte di alimentazione, in modo che quest'ultima sia facilmente accessibile.</li> <li>• Non tenere la batteria in luoghi esposti alla luce solare diretta o con temperature estremamente elevate, ad esempio in prossimità di dispositivi di riscaldamento.</li> </ul>	<ul style="list-style-type: none"> <li>• Evite altas temperaturas. Permite la suficiente dispersión del calor cuando está instalado en la consola.</li> <li>• Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía.</li> <li>• Mantenga el equipo libre de humedad, agua y polvo.</li> <li>• Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo.</li> <li>• No obstruya los orificios de ventilación.</li> <li>• No deje objetos extraños dentro del equipo.</li> <li>• No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.</li> <li>• Nunca desarme o modifique el equipo de ninguna manera.</li> <li>• La ventilación no debe quedar obstruida por haberse cubierto las aperturas con objetos como periódicos, manteles o cortinas.</li> <li>• No deberán colocarse sobre el aparato fuentes inflamables sin protección, como velas encendidas.</li> <li>• A la hora de deshacerse de las pilas, respete la normativa para el cuidado del medio ambiente.</li> <li>• No exponer el aparato al goteo o salpicaduras cuando se utilice.</li> <li>• No colocar sobre el aparato objetos llenos de líquido, como jarros.</li> <li>• No maneje el cable de alimentación con las manos mojadas.</li> <li>• Cuando el interruptor está en la posición OFF (STANDBY), el equipo no está completamente desconectado de la alimentación MAINS.</li> <li>• El equipo se instalará cerca de la fuente de alimentación de manera que resulte fácil acceder a ella.</li> <li>• No coloque las pilas en un lugar expuesto a la luz directa del sol o donde la temperatura sea extremadamente alta, como cerca de una calefacción.</li> </ul>	<ul style="list-style-type: none"> <li>• Vermijd hoge temperaturen. Zorg er bij installatie in een audiorack voor, dat de door het toestel geproduceerde warmte goed kan worden afgevoerd.</li> <li>• Hanteer het netsnoer voorzichtig. Houd het snoer bij de stekker vast wanneer deze moet worden aan- of losgekoppeld.</li> <li>• Laat geen vochtigheid, water of stof in het apparaat binnendringen.</li> <li>• Neem altijd het netsnoer uit het stopcontact wanneer het apparaat gedurende een lange periode niet wordt gebruikt.</li> <li>• De ventilatieopeningen mogen niet worden geblokkeerd.</li> <li>• Laat geen vreemde voorwerpen in dit apparaat vallen.</li> <li>• Voorkom dat insecticiden, benzeen of verfverdunder met dit toestel in contact komen.</li> <li>• Dit toestel mag niet gedemonteerd of aangepast worden.</li> <li>• De ventilatie mag niet worden belemmerd door de ventilatieopeningen af te dekken met bijvoorbeeld kranten, een tafelkleed of gordijnen.</li> <li>• Plaats geen open vlammen, bijvoorbeeld een brandende kaars, op het apparaat.</li> <li>• Houd u steeds aan de milieuvorschriften wanneer u gebruikte batterijen wegdoet.</li> <li>• Stel het apparaat niet bloot aan druppels of spatten.</li> <li>• Plaats geen voorwerpen gevuld met water, bijvoorbeeld een vaas, op het apparaat.</li> <li>• Raak het netsnoer niet met natte handen aan.</li> <li>• Als de schakelaar op OFF (STANDBY) staat, is het apparaat niet volledig losgekoppeld van de netspanning (MAINS).</li> <li>• De apparatuur wordt in de buurt van het stopcontact geïnstalleerd, zodat dit altijd gemakkelijk toegankelijk is.</li> <li>• Bewaar de batterijen niet op een plaats waar deze blootstaan aan direct zonlicht of op plaatsen waar zeer hoge temperaturen heersen, zoals in de buurt van een kachel.</li> </ul>	<ul style="list-style-type: none"> <li>• Undvik höga temperaturer. Se till att det finns möjlighet till god värmeavledning vid montering i ett rack.</li> <li>• Hantera nätkabeln varsamt. Håll i kabeln när den kopplas från el-uttaget.</li> <li>• Utsätt inte apparaten för fukt, vatten och damm.</li> <li>• Koppla loss nätkabeln om apparaten inte kommer att användas i lång tid.</li> <li>• Täpp inte till ventilationsöppningarna.</li> <li>• Se till att främmande föremål inte tränger in i apparaten.</li> <li>• Se till att inte insektsmedel på spraybruk, bensen och thinner kommer i kontakt med apparatens hölje.</li> <li>• Ta inte isär apparaten och försök inte bygga om den.</li> <li>• Ventilationen bör inte förhindras genom att täcka för ventilationsöppningarna med föremål såsom tidningar, bordsdukar eller gardiner.</li> <li>• Placera inte öppen eld, t.ex. tända ljus, på apparaten.</li> <li>• Tänk på miljöaspekterna när du bortskaffar batterier.</li> <li>• Apparaten får inte utsättas för vätska.</li> <li>• Placera inte föremål fyllda med vätska, t.ex. vaser, på apparaten.</li> <li>• Hantera inte nätsladden med våta händer.</li> <li>• Även om strömbrytaren står i det avstängda läget OFF (STANDBY), så är utrustningen inte helt bortkopplad från det elektriska nätet (MAINS).</li> <li>• Utrustningen ska vara installerad nära strömuttaget så att strömförsörjningen är lätt att tillgå.</li> <li>• Förvara inte batteriet på en plats som utsätts för direkt solljus eller på platser med extremt höga temperaturer, som nära ett värmeelement.</li> </ul>	<ul style="list-style-type: none"> <li>• Evite temperaturas altas. Assegure uma suficiente dispersão de calor quando a unidade for instalada numa prateleira.</li> <li>• Manuseie o cabo de alimentação com cuidado. Puxe pela ficha quando desligar o cabo de alimentação.</li> <li>• Mantenha a unidade afastada da humidade, da água e do pó.</li> <li>• Desligue o cabo de alimentação quando não estiver a utilizar a unidade por longos períodos de tempo.</li> <li>• Não obstrua os orifícios de ventilação.</li> <li>• Não deixe objectos estranhos dentro da unidade.</li> <li>• Não permita que insecticidas, benzina e diluente entrem em contacto com a unidade.</li> <li>• Nunca desmonte ou modifique de alguma forma a unidade.</li> <li>• A ventilação não deve ser obstruída, tapando as aberturas de ventilação com objectos, como jornais, toalhas ou cortinas.</li> <li>• Não devem ser colocadas junto à unidade fontes de chama aberta, como velas acesas.</li> <li>• Respeite as regulamentações locais relativas à eliminação de pilhas.</li> <li>• Não exponha a unidade a gotejamento ou salpicos de líquidos.</li> <li>• Não coloque objectos com líquidos, como jarros, em cima da unidade.</li> <li>• Não manuseie o cabo de alimentação com as mãos molhadas.</li> <li>• Quando o interruptor se encontra na posição OFF (STANDBY), o equipamento não está completamente desligado da REDE ELÉCTRICA.</li> <li>• O equipamento deve ser instalado junto da fonte de alimentação, para que a fonte de alimentação esteja facilmente acessível.</li> <li>• Não deixe a pilha num local exposto à luz solar directa ou em locais sujeitos a temperaturas extremamente elevadas, como, por exemplo, junto de um aquecedor.</li> </ul>

**• DECLARATION OF CONFORMITY**

Our products following the provisions of EC/EU directives, that as follows:

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: EC regulation 1275/2008 and its frame work directive 2009/125/EC

**• ÜBEREINSTIMMUNGSERKLÄRUNG**

Unsere Produkte unterliegen den Bestimmungen der folgenden EG/EU-Richtlinien:

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: EG-Vorschrift 1275/2008 und deren Rahmenrichtlinie 2009/125/EC

**• DECLARATION DE CONFORMITE**

Nos produits sont conformes aux dispositions des directives CE/UE comme suit ;

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: Réglementation CE 1275/2008 et sa directive cadre 2009/125/CE

**• DICHIARAZIONE DI CONFORMITÀ**

I nostri prodotti sono conformi a quanto previsto dalle direttive EC/EU, come specificato di seguito:

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: Norma EC 1275/2008 e relativa legge quadro 2009/125/EC

**• DECLARACIÓN DE CONFORMIDAD**

Nuestros productos cumplen las disposiciones de las directivas de la CE/UE siguientes:

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: Normativa de la CE 1275/2008 y su directiva marco 2009/125/CE

**• EENVORMIGHEIDSVKLAARING**

Onze producten volgen de voorwaarden van de EG/EU-richtlijnen zoals volgt;

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: EG-verordening 1275/2008 en zijn kaderrichtlijn 2009/125/EG

**• ÖVERENSSTÄMMELSESINTYG**

Våra produkter uppfyller följande föreskrifter i EC/EU-direktiv:

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: EU-direktiv 1275/2008 och dess ramdirektiv 2009/125/EC

**• DECLARAÇÃO DE CONFORMIDADE**

Nossos produtos seguem as disposições da CE / UE directivas, que, como se segue;

LV: 2006/95/EC

EMC: 2004/108/EC

RoHS: 2011/65/EU

ErP: Regulamento (CE) 1275/2008 e a respectiva Directiva-Quadro 2009/125/CE

**D&M Professional Europe**  
**A division of D&M Europe B.V**  
**Beemdstraat 11**  
**5653 MA Eindhoven**  
**The Netherlands**

**A NOTE ABOUT RECYCLING:**

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations.

When discarding the unit, comply with local rules or regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal.

This product and the supplied accessories, excluding the batteries, constitute the applicable product according to the WEEE directive.

**HINWEIS ZUM RECYCLING:**

Das Verpackungsmaterial dieses Produktes ist zum Recyceln geeignet und kann wieder verwendet werden. Bitte entsorgen Sie alle Materialien entsprechend der örtlichen Recycling-Vorschriften.

Beachten Sie bei der Entsorgung des Gerätes die örtlichen Vorschriften und Bestimmungen.

Die Batterien dürfen nicht in den Hausmüll geworfen oder verbrannt werden; bitte entsorgen Sie die Batterien gemäß der örtlichen Vorschriften.

Dieses Produkt und das im Lieferumfang enthaltene Zubehör (mit Ausnahme der Batterien!) entsprechen der WEEE-Direktive.

**UNE REMARQUE CONCERNANT LE RECYCLAGE:**

Les matériaux d'emballage de ce produit sont recyclables et peuvent être réutilisés. Veuillez disposer des matériaux conformément aux lois sur le recyclage en vigueur.

Lorsque vous mettez cet appareil au rebut, respectez les lois ou réglementations en vigueur.

Les piles ne doivent jamais être jetées ou incinérées, mais mises au rebut conformément aux lois en vigueur sur la mise au rebut des piles.

Ce produit et les accessoires inclus, à l'exception des piles, sont des produits conformes à la directive DEEE.

**NOTA RELATIVA AL RICICLAGGIO:**

I materiali di imballaggio di questo prodotto sono riutilizzabili e riciclabili. Smaltire i materiali conformemente alle normative locali sul riciclaggio.

Per lo smaltimento dell'unità, osservare le normative o le leggi locali in vigore.

Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici.

Questo prodotto e gli accessori inclusi nell'imballaggio sono applicabili alla direttiva RAEE, ad eccezione delle batterie.

**ACERCA DEL RECICLAJE:**

Los materiales de embalaje de este producto son reciclables y se pueden volver a utilizar. Disponga de estos materiales siguiendo los reglamentos de reciclaje de su localidad.

Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales.

Las pilas nunca deberán tirarse ni incinerarse. Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos.

Este producto junto con los accesorios empaquetados es el producto aplicable a la directiva RAEE excepto pilas.

**EEN AANTEKENING MET BETREKKING TOT DE RECYCLING:**

Het inpakmateriaal van dit product is recycleerbaar en kan opnieuw gebruikt worden. Er wordt verzocht om zich van elk afvalmateriaal te ontdoen volgens de plaatselijke voorschriften.

Volg voor het wegdoen van de speler de voorschriften voor de verwijdering van wit- en bruingoed op.

Batterijen mogen nooit worden weggegooid of verbrand, maar moeten volgens de plaatselijke voorschriften betreffende chemisch afval worden verwijderd.

Op dit product en de meegeleverde accessoires, m.u.v. de batterijen is de richtlijn voor afgedankte elektrische en elektronische apparaten (WEEE) van toepassing.

**OBSERVERA ANGÅENDE ÅTERVINNING:**

Produktens emballage är återvinningsbart och kan återanvändas. Kassera det enligt lokala återvinningsbestämmelser. När du kasserar enheten ska du göra det i överensstämmelse med lokala regler och bestämmelser.

Batterier får absolut inte kastas i soporna eller brännas. Kassera dem enligt lokala bestämmelser för kemiskt avfall.

Denna apparat och de tillbehör som levereras med den uppfyller gällande WEEE-direktiv, med undantag av batterierna.

**UMA NOTA SOBRE A RECICLAGEM:**

Os materiais de embalagem deste produto são recicláveis e podem ser reutilizados. Elimine quaisquer materiais de acordo com as normas de reciclagem locais.

Quando eliminar a unidade, obedeça às regras ou normas locais.

As pilhas nunca devem ser deitadas fora ou incineradas, mas sim eliminadas de acordo com as normas locais relativas aos resíduos químicos.

Este produto e os respectivos acessórios embalados em conjunto constituem o produto aplicável de acordo com a directiva WEEE, excepto as pilhas.



**Pb**

# Welcome

Thank you for choosing a DENON Professional Products. This guide provides the simple procedure of the operation. Please reference Owner's manual for more details about the setup and operation.

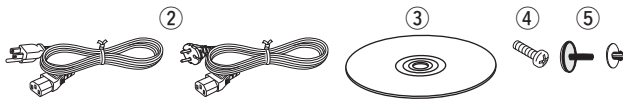
## If you have setup problems:

For inquiries or information on repair service of DENON Professional Products, please contact our Sales Office or Tech Support Centre near you which are listed in D&M Professional website below.  
<http://www.d-mpro.com>

## Before You Begin

### What's In the Box

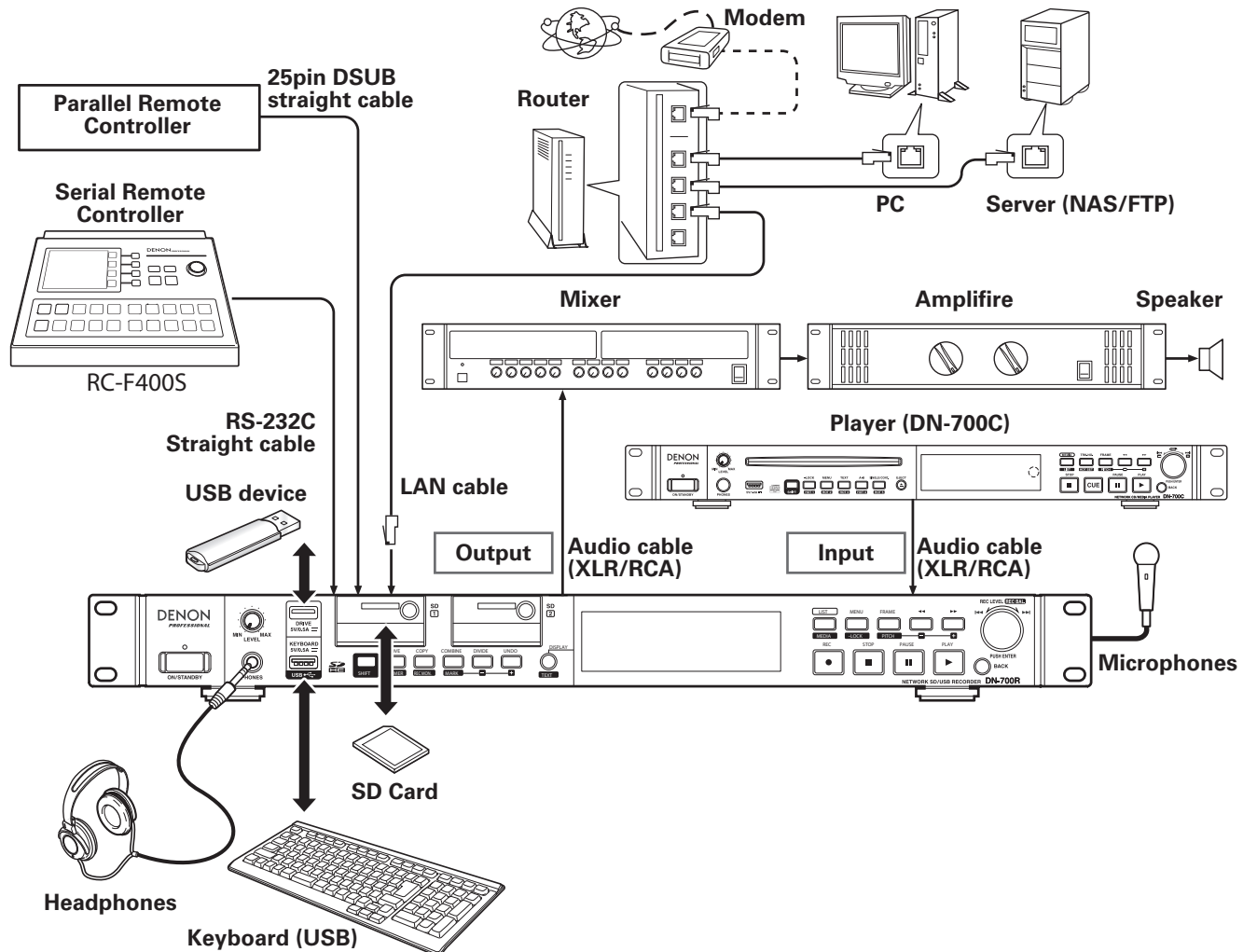
- ① Quick start guide (Book) ..... 1
- ② Power cords for each region (US,EU)..... 1 of each
- ③ CD-ROM ..... 1
  - DN-700R Instruction manual
  - DMP Mark Editor Installer
  - DMP Mark Editor Instruction manual
  - DENON Professional Product Manager Installer
  - DENON Professional Product Manager Owner's Manual
- ④ Security Screw for SD card door ..... 4
- ⑤ Plastic pin and retainer ..... 2 of each (plastic pin and retainer is attached to the SD card door at the time of purchase.)



## Required for setup

- SD Card
- Headphones
- PC
- Server (NAS/FTP)
- Keyboard (USB)
- Audio cable (XLR/RCA)
- Serial Remote Controller (RS-232C Straight cable)
- Parallel Remote Controller (25pin DSUB straight cable)
- Screws for mounting the DN-700R on a rack
- USB device
- Microphones
- Router
- Modem

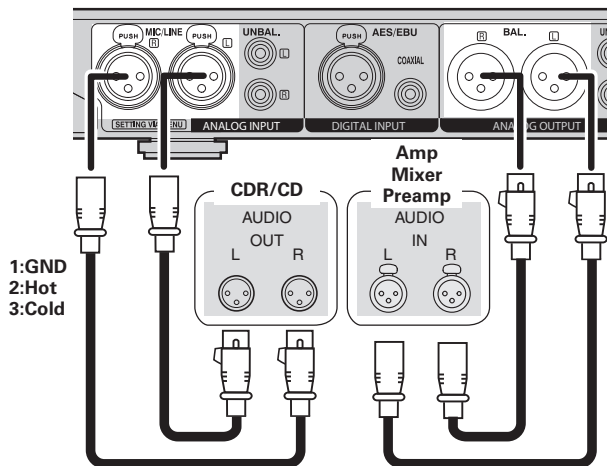
## Example System Connections



## Audio connections

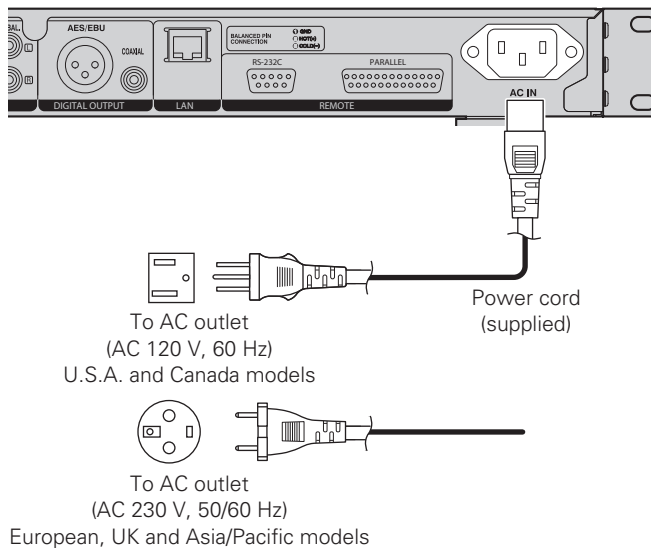
### Analog connection (balanced connection)

Connect line-level analog inputs/outputs to the analog (balanced) input/output terminals for playback or recording.



## Connecting the power cord

Insert the power cord when all other connections are completed. Be sure to connect the ground wire also.



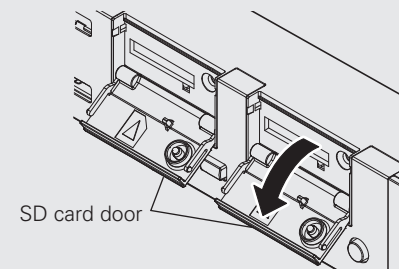
### NOTE

- Be sure to insert the power plug firmly into the AC outlet. If the plug is not properly inserted, it could cause a malfunction or noise.
- Do not unplug the power cord while the unit is operating.
- Do not use a power cord other than the cord supplied with this unit.

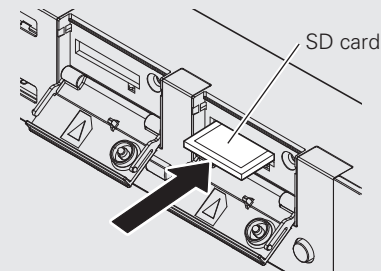
## Inserting an SD card

**1** Open the SD card door in the direction indicated with the arrow.

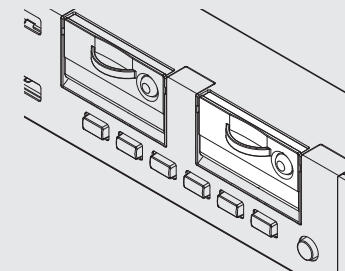
The screen displays "SD\* DOOR OPEN". (\* is the selected SD card slot number.)



**2** Insert the SD card fully into the SD card slot until a "click" sound is heard.



**3** Close the SD card door.

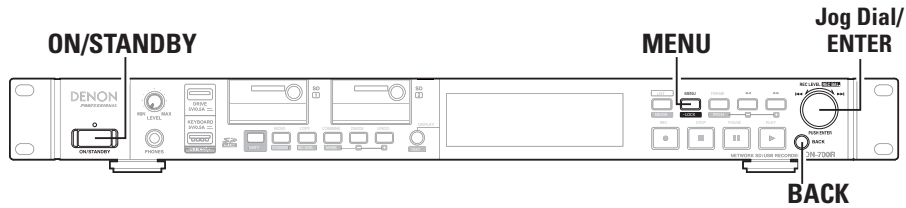


- If the SD card door does not close with a "click", check that the SD card is fully inserted into the slot.



## Preparing for recording (Utility)

Be sure to set the clock before use.  
Before recording to an SD card, format the SD card on this unit.



### □ Select Utility

- 1** Press **ON/STANDBY**.  
The power of DN-700R is switched ON, and the display screen lights.
- 2** While DN-700R is stopped, press **MENU**.  
The menu list is displayed.
- 3** Rotate the jog dial to select “Utility”, and press **ENTER**.

### □ Time/Date

- Set the current time. The time must be set before using the unit because the set time is used as the recorded file name.

- 1** Select “Utility” and rotate the jog dial to select “Date/Time”, then press **ENTER**.
- 2** Rotate the jog dial to select the input position (year/month/day/hour/minute), and press **ENTER**.

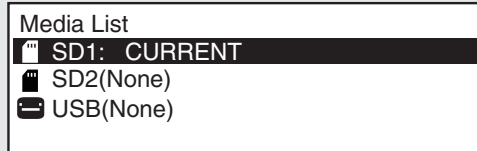
```
Date/Time
Date:May/13/2013
Time:11:54
T
</>:</> Change:JOG Push
```

- 3** Rotate the jog dial to select the setting item, and press **ENTER**.
- 4** When all settings are entered they will be automatically saved and the utility menu will be displayed. If only some of the settings are changed, but not all, press **BACK** twice.  
“Fix” and “Discard” are displayed.
- 5** Rotate the jog dial to select “Fix”, and press **ENTER**.  
Confirm the settings.
  - Select “Discard” to discard the changes.

## Format Media

Formats the currently used media (SD).

- 1 Select “Utility” and rotate the jog dial to select “Format Media”, then press **ENTER**.  
The media list is displayed.



- 2 Rotate the jog dial to select the media, and press **ENTER**.

- 3 Select “OK” with the jog dial, and press **ENTER**.  
“Formatting” is displayed during formatting, and “Completed” is displayed when the formatting is complete.



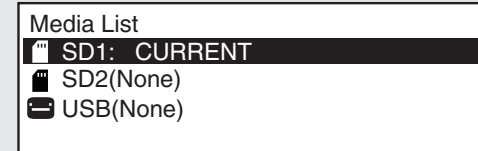
For details of SD cards that have been confirmed as being compatible for use by DENON, see the DENON website (URL: <http://www.d-mpro.com>).

## Speed Check

Checks the read and write speed of the currently used media (SD).

Always perform a speed check on media before using it.

- 1 Select “Utility” and rotate the jog dial to select “Speed Check”, then press **ENTER**.  
The media list is displayed.

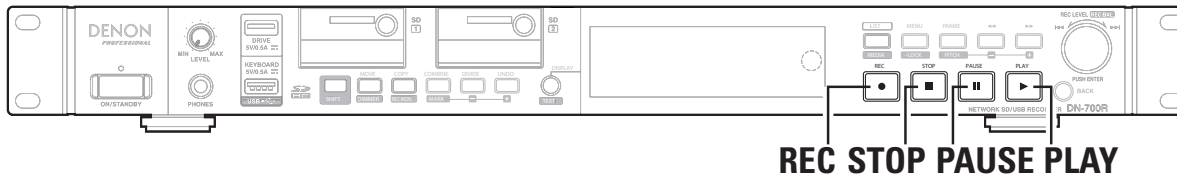


- 2 Rotate the jog dial to select the media, and press **ENTER**.

- 3 Select “OK” with the jog dial, and press **ENTER**.  
Media check starts and “Check Speed ...” is displayed.

- The following results are displayed when the speed check is complete.
  - “Good”: The checked media is suitable for use.
  - “Good w/o Rec Mon”: The checked media is suitable for simple recording but is unsuitable for recording monitoring.
  - “Poor”: The checked media is unsuitable for use.

- 4 Select “OK” and press **ENTER**.



## REC STOP PAUSE PLAY

## Recording

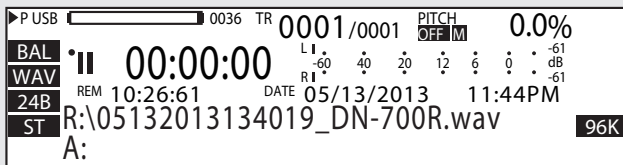
### 1 Press REC.

The unit switches to the recording paused state, and the **REC** buttons flashes and **PAUSE** buttons light. The display switches to the recording display.

### 2 Adjust the recording level and recording balance.

### 3 Press REC.

Recording starts.



#### File name

The file name of the file in which recording is started is composed of the machine name, recording start time and user area data. The file creation formats can be selected in "05 File Name Form" in "System Setting". The file name can be inputted when "04 User Area" in "System Setting" is "On". (After recording has started, the recording start time in the file name continues to proceed until the recording start time is confirmed.)

### 4 Press STOP.

Recording stops, and **REC** turn off.

## Default setting

The main default settings for this unit are as shown below.

See the Owner's Manual for details on how to change the settings.

[Preset setting]	
One Touch Rec	Off
Audio Input	Bal
Rec Format	MP3-128
Rec Channel	Stereo
Sample Rate	44.1k
Silent Skip	Off
Play Range	Folder
Play Mode	Continuous

[System setting]	
Rec Folder	Current
Signal Pass Thru	On
Output Rate	Auto
Line/Mic Lch	Line
Line/Mic Rch	Line
Serial Bit Rate	9600



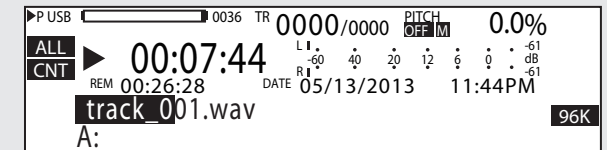
The following items need to be changed in the System Settings when using the RC-F400S. See the Owner's Manual for details on how to change the settings.

- Serial Bit Rate : 9600 (Default) → 38400

## Playing back recorded files

### 1 Press PLAY.

**PLAY** lights and playback starts.



### 2 To pause playback

Press **PAUSE** during playback.  
Playback is paused and **PAUSE** lights.

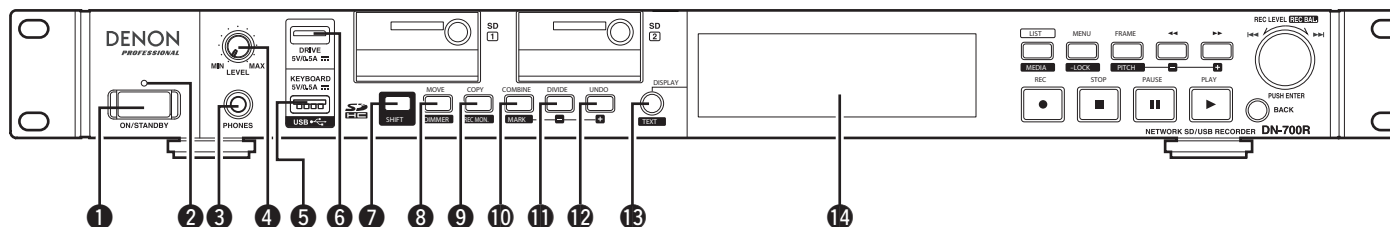
- When **PLAY** is pressed again, playback is restarted.

### 3 To stop playback

Press **STOP**.  
Playback stops, and **PLAY** goes out.

# Part names and functions

## Front Panel



### 1 Power switch (ON/STANDBY)

- Turns the unit power on and off (standby).

### 2 Power indicator

- Power on: Off
- Normal standby: Red
- Network standby: Orange

### 3 Headphone jack (PHONES)

- Connect the headphones.

### 4 Headphone Volume Adjustment Knob (LEVEL)

- Adjusts the volume of the headphones.
- Press the knob to make it spring out. After adjusting the volume, press the knob back in again.

### 5 USB connector for keyboard (KEYBOARD)

- Connect a USB keyboard.

### 6 USB connector for USB device (DRIVE)

- Connect a USB device.

### 7 SHIFT button

- Allows access to features indicated under each button.
- The shift mode is enabled when the **SHIFT** button is lit ("02 Shift Mode").

### 8 MOVE/DIMMER button

- Moves the file of the current track.
- Press when the **SHIFT** button is lit to switch the display brightness of the display and LED.
- The brightness of the dimmer can be set in "36 Display Dimmer" and "37 LED Dimmer" in the "Preset Setting".

### 9 COPY/REC MON. button

- Copies the file of the selected track.
- Press when the **SHIFT** button is lit to switch the recording monitor on or off.
- The LED lights when the recording monitor is on.

### 10 COMBINE/MARK button

- Combines the selected track with a different track.
- Press when the **SHIFT** button is lit to add a mark to the current playback or recording position.

### 11 DIVIDE/MARK – button

- Divides the currently selected track at the current playback position.
- Divides the recording track at the current recording position.
- Press when the **SHIFT** button is lit to jump to the mark prior to the current playback position.

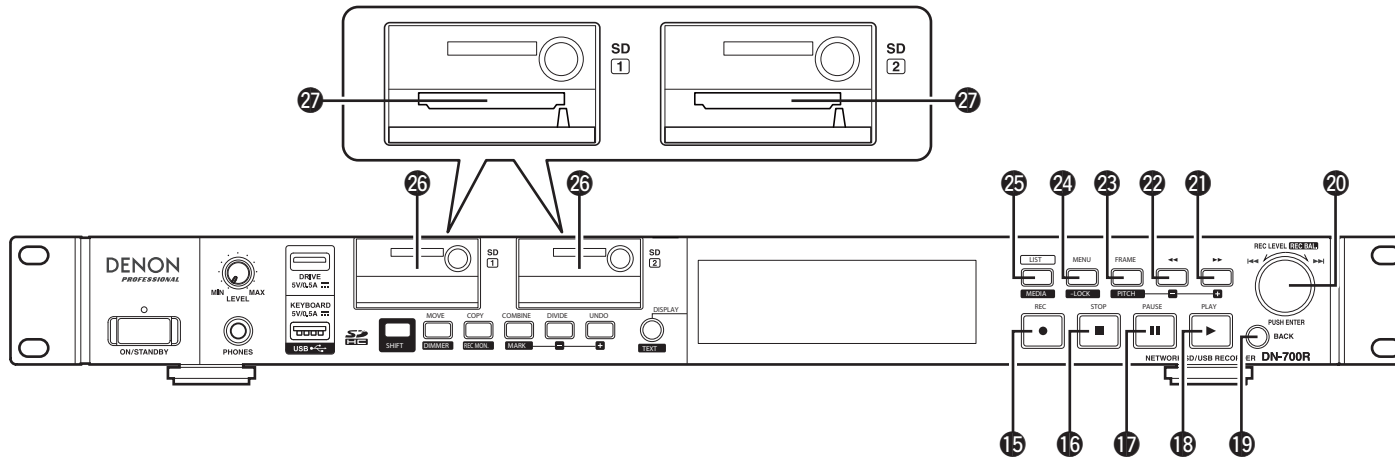
### 12 UNDO/MARK + button

- Undoes the prior edit.
- Press when the **SHIFT** button is lit to jump to the mark after the current playback position.

### 13 DISPLAY/TEXT button

- Switches the display.
- Press when the **SHIFT** button is lit to scroll the text display.

### 14 Display



#### 15 REC button (●)

- When “08 One Touch Rec” in “Preset Setting” is “Off”, press the button once to enter the record pause mode and press again to start recording.
- When “08 One Touch Rec” in “Preset Setting” is “On”, press the button once to start recording.
- The **REC** button lights during recording.
- The **REC** button flashes during recording is paused.

#### 16 STOP button (■)

- Press the button during playback or when playback is paused to stop playback. These operations can be set in “23 Finish Mode” of “Preset Setting”.
- Press the button during recording or when recording is paused to stop recording and standby at the start of the last recorded file.
- The **STOP** button lights when a track is stopped or cued.
- Press when a track is cued to stop.

#### 17 PAUSE button (II)

- Press the button during playback or recording to pause playback or recording.
- The **PAUSE** button lights when playback or recording is paused.

#### 18 Play button (▶)

- Starts playback.
- The **PLAY** button lights during playback or when playback is paused.

#### 19 BACK button

- Returns to the previous menu.
- When the file list is displayed, press the **SHIFT** button when it is lit to move the cursor to the top of the list.

#### 20 Jog Dial/PUSH ENTER button

- Rotate the dial to skip tracks.
- Used to adjust the recording level during recording or when recording is paused.
- Used to move the cursor or select setting items when the menu is displayed.
- Rotate the dial when the **SHIFT** button is lit to adjust the recording level or recording balance during recording or when recording is paused.
- Press the button to enter the setting item or menu.

#### 21 Fast Forward/Pitch + button (▶▶)

- Fast forwards the track.
- In frame mode, this button jumps frame units in the forward direction.
- Press when the **SHIFT** button is lit to set the pitch.

#### 22 Fast Rewind/Pitch - button (◀◀)

- Fast rewinds the track.
- In frame mode, this button jumps frame units in the reverse direction.
- Press when the **SHIFT** button is lit to set the pitch.

#### 23 FRAME/PITCH button

- Switches the functions of buttons ◀◀ and ▶▶ to frame mode or search mode.
- The **FRAME** button lights in frame mode.
- Press when the **SHIFT** button is lit to switch the pitch on or off. The **PITCH** button lights when Pitch is on.

#### 24 MENU/LOCK button

- Displays the menu.
- Press when the **SHIFT** button is lit to lock the operation buttons on the unit. The **LOCK** button lights when the key lock is on.

#### 25 LIST/MEDIA button

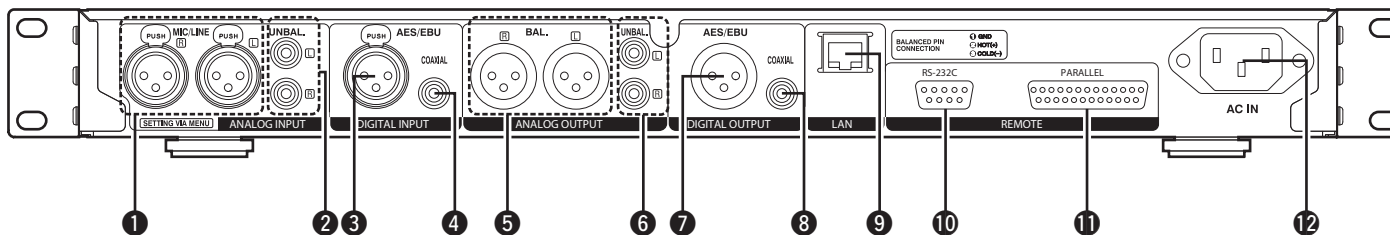
- The “File List” is displayed.
- Press when the **SHIFT** button is lit to display the media list for switching media.

#### 26 SD Card Door

#### 27 SD Card Slot 1/2

- Insert an SD/SDHC card (max. 32GB). SDXC and UHS are not supported.

## Rear Panel

**1 Analog input (Balanced) terminal**

- XLR Type
- Pin Arrangement: 1. GND / 2. Hot (w/ Phantom) / 3. Cold
- The line input level can be changed using "14 Volume Input" in "System Setting".
- The input mode can be switched using "08 Line/Mic Lch"/"09 Line/Mic Rch" in "System Setting".

**2 Analog input (Unbalanced) terminal**

- RCA Type

**3 Digital input (XLR) terminal**

- XLR Type
- IEC60958 Type I
- Pin Arrangement: 1. Common / 2. Hot / 3. Cold

**4 Digital input (RCA) terminal**

- IEC60958 Type II

**5 Analog output (balanced) terminal**

- XLR Type
- Pin Arrangement: 1. GND / 2. Hot / 3. Cold

**6 Analog output (unbalanced) terminal**

- RCA Type

**7 Digital output (XLR) terminal**

- IEC60958 Type I (AES/EBU)
- Pin Arrangement: 1. Common / 2. Hot / 3. Cold

**8 Digital output (RCA) terminal**

- IEC60958 Type II (COAXIAL)

**9 LAN Terminal**

- IEEE 802.3u (3.3V I/O) / 10 / 100Base-T(X) / RJ-45

**10 RS-232C Terminal**

- 9pin DSUB Connector (Female)

**11 Parallel port (PARALLEL)**

- 25pin DSUB Connector (Female)

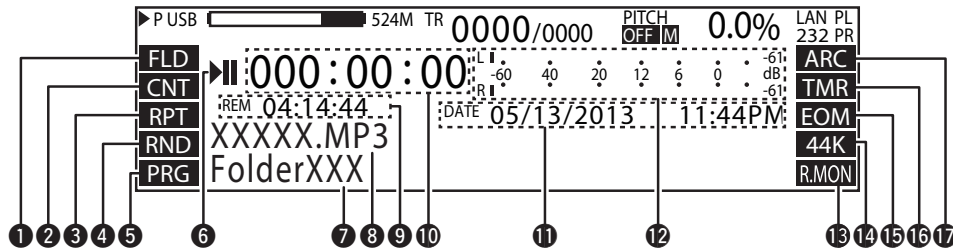
**12 AC Inlet (AC IN)**

- Connect the supplied power cord.

# Display

The playback status and information about various media is displayed on the DN-700R display. Details of the display differ depending on the operating status (stopped/recording/playing) of the DN-700R.

## Playback/pause/search/stop display



### 1 Playback range display

- Displays the current playback range.
- Displays the settings configured in “19 Play Range” in “Preset Setting”.  
FLD: Current folder/ALL: All folders

### 2 Playback mode display

- Displays the settings configured in “20 Play Mode” in “Preset Setting”.  
CNT: Continuous playback  
SGL: 1 track playback

### 3 Repeat playback display

- Displays the settings configured in “24 Repeat” in “Preset Setting”.  
RPT: Displayed when repeat playback is on.

### 4 Random playback display

- Displays the settings configured in “21 Random” in “Preset Setting”.  
RND: Displayed when random playback is on.

### 5 Programmed playback display

- Displays the settings configured in “22 Program” in “Preset Setting”.  
PRG: Displayed when programmed playback is on.

### 6 Status display

- Displays the operating status.

STOP	■
CUE	CUE
PAUSE	
AUDIBLE PAUSE	
SEARCH	◀▶▶
PLAY	▶
REC PAUSE	•
REC	●

### 7 Folder name

- Displays the path to the selected folder.

### 8 Track name

- Displays the selected track name.

### 9 Remaining time display

- Displays the remaining time of the current track.
- The display format can be set in “33 Time Display” in “Preset Setting”.
- When the selected track is VBR (Variable Bit Rate) format, the estimated remaining time is displayed.

### 10 Elapsed time display

- The elapsed time of the currently selected track is displayed.
- The display format can be set in “33 Time Display” in “Preset Setting”.

### 11 Time/Date display

- The current date and time are displayed when playback is stopped.
- During playback, the date and time when the selected track was created are displayed.
- The display format can be set in “20 Time Form” and “21 Date Form” in “Preset Setting”.

### 12 Playback level display

- Displays the playback level.
- With a three-second peak hold.

### 13 Recording monitor display

- Displays the recording monitor status.  
R.MON: Displayed when the recording monitor is on.

### 14 Sampling rate display

- Displays the sampling rate of the audio output. (44 K/48 K/96 K)
- When a sampling rate is not applied when Ext(AES) is used, “EXT” flashes in the display. Nothing is displayed when “Auto” is used.

### 15 End of track notification display

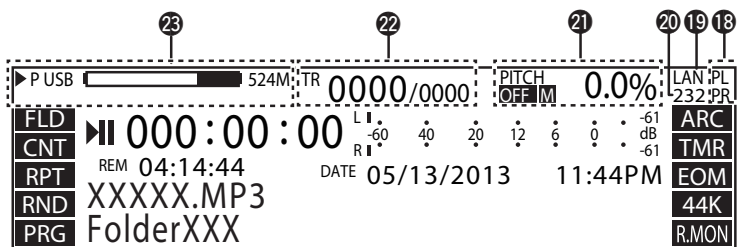
- “EOM” is displayed when a setting other than “Off” is set for “31 End Of Message” in “Preset Setting”.

### 16 Timer Display

- “TMR” is displayed when the “Timer Recording” or “Timer playback” is set.

### 17 Archive Display

- “ARC” is displayed when a setting other than “Off” is set for “Archive Mode” in “Archive Setting”.
- It flashes while archiving is being executed.



### 18 Phantom power display

- Displayed when the phantom power setting is set to on in "10 Phantom Lch" (PL) and "11 Phantom Rch" (PR) in "System Setting".

### 19 Ethernet Display

- Displayed when the Ethernet can be used.

### 20 Remote serial connection display

- Lights when remote serial commands are being received.

### 21 Pitch display

- Displays the ON/OFF status of the pitch function, master key and playback speed (percentage).
- "M" is displayed when the master key is on.

### 22 Track number display

- The right side displays the total number of tracks on the selected media, and the left side displays the selected track number.

### 23 Media display

- Displays the type of currently selected media (SD1/SD2/USB/NET) and the amount of free space.
- The currently selected media is set in the upper part and "P" is displayed in front of the media.
- The backup media (dual recording) is set in the lower part (when applicable) and "B" is displayed in front of the media. When a secondary media (relay recording) is set, "S" is displayed in front of the media.
- If there is no free space on the lower media, "MEDIA FULL" is displayed.
- If the lower media reaches 2000 tracks, "TRACK FULL" is displayed.
- If writing is prohibited to the lower media, "WRITE LOCK" is displayed.
- "▶" indicates the currently selected media.
- The free space is not displayed when the media is "NET".

## Properties display (Playback/pause/search/stop)

- 1 Property
- 2 0001 BGM\_001.mp3( /Full/Path)
- 3 01/02/2013 10:23:45AM
- 4 44K Mo 320kbps
- 5 "Album", "Title", "Artist"

### 1 Title Name

### 2 Track number/file name

- Displays the selected track number and file name.
- The path to the folder in which the file is stored is displayed in the parentheses ( ).

### 3 Time/Date Display

- Displays the date and time when the selected track was created.
- The display format can be set in "20 Time Form" and "21 Date Form" in "Preset Setting".

### 4 Track recording information

- Sampling rate
- Channel
- St: Stereo / Mo: Monaural
- Number of quantization bits or bit rate

### 5 Album name

- Only for MP3 files, the album name within the ID3 tag is displayed.

#### Title

- Only for MP3 files, the title name within the ID3 tag is displayed.

#### Artist

- Only for MP3 files, the artist name within the ID3 tag is displayed.

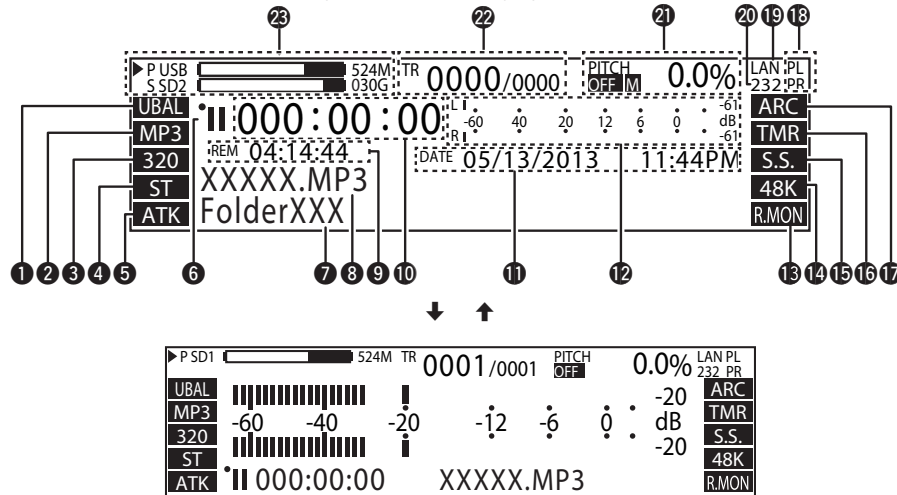


If the text information does not fit in the display, press **TEXT** in shift mode to scroll and display the hidden text.



## Display during recording and when recording is paused

- Press **DISPLAY** to switch to an enlarged level meter display.



### 1 Recording input display

- Displays "09 Audio Input" of the current "Preset Setting".
- UBAL: Unbalanced / BAL: Balanced / AES: AES/EBU / COAX: Coaxial

### 2 Recording file display

- Displays "10 Rec Format" of "Preset Setting".
- MP3 / WAV

### 3 Recording format display

- Displays "10 Rec Format" of "Preset Setting".
- MP3: Bit rate / WAV: No. of quantization bits

### 4 Recording channel display

- Displays "11 Rec Channel" of the current "Preset Setting".
- ST: Stereo / MONO: Mono (Lch) / MIX: Lch Rch Mix

### 5 Auto track display

- Displays "ATK" when "14 Auto Track" of the current "Preset Setting" is on.

### 6 Status display

- Displays the operating status.

STOP	■
CUE	CUE
PAUSE	
AUDIBLE PAUSE	▶▶
SEARCH	◀◀▶▶
PLAY	▶
REC PAUSE	◦
REC	●

### 7 Folder name display

- Displays the path to the selected folder.

### 8 Track name display

- Displays the progress bar when "14 Auto Track" of "Preset Setting" is set to anything other than off.

### 9 Remaining time display

- Displays the remaining recordable time on the selected media.
- The display format can be set in "33 Time Display" in "Preset Setting".
- "--:--" is displayed if the format cannot be applied to the remaining time display.

### 10 Elapsed time display

- Displays the elapsed recording time of the current track.
- The display format can be set in "33 Time Display" in "Preset Setting".

### 11 Time/Date display

- The recording start date and time are displayed during the recording operation.

### 12 Recording level meter

- Displays the recording level. With a three-second peak hold.

### 13 Recording monitor display

- Displays the recording monitor status.
- R.MON: Displayed when the recording monitor is on.

### 14 Displays the recording sample rate.

- Recording sampling rate.
- Displays "12 Sample Rate" of "Preset Setting".
- When a sampling rate is not applied when Ext(AES) is used, "EXT" flashes in the display.

### 15 Silent skip display

- Displays "S.S." when "16 Silent Skip" of "Preset Setting" is on.

### 16 Timer Display

- "TMR" is displayed when the "Rec Timer" or "Play Timer" is set.

### 17 Archive Display

- "ARC" is displayed when a setting other than "Off" is set for "Archive Mode" in "Archive Setting".
- It flashes while archiving is being executed.

### 18 Phantom power display

- Displayed when phantom power is on.
- Displayed when "10 Phantom Lch" (PL) and "11 Phantom Rch" (PR) are on in "System Setting".

### 19 Ethernet Display

- Displayed when the Ethernet can be used.

### 20 Remote serial connection display

- Displayed when the remote serial command is being received.

### 21 Pitch display

- Displays the ON/OFF status of the pitch function, master key and playback speed (percentage).
- "M" is displayed when the master key is on.

### 22 Track number display

- The right side displays the total number of tracks on the selected media, and the left side displays the selected track number.

### 23 Media display

- Displays the type of currently selected media (SD1/SD2/USB/NET) and the amount of free space.
- The currently selected media is set in the upper part and "P" is displayed in front of the media.
- The backup media (dual recording) is set in the lower part (when applicable) and "B" is displayed in front of the media. When a secondary media (relay recording) is set, "S" is displayed in front of the media.
- If there is no free space on the lower media, "MEDIA FULL" is displayed.
- If the lower media reaches 2000 tracks, "TRACK FULL" is displayed.
- If writing is prohibited to the lower media, "WRITE LOCK" is displayed.
- "▶" indicates the currently selected media.
- The free space is not displayed when the media is "NET".

## Main specifications

<ul style="list-style-type: none"> <li>• <b>System</b></li> <li>• <b>Compatible media</b></li> <li>• <b>Playable formats, file systems</b></li> <li>• <b>Playable WAV Format</b> <ul style="list-style-type: none"> <li>Extension WAV, AIFF, AIF</li> <li>Resolution 16 bit, 24 bit</li> <li>Sampling frequency 96, 48, 44.1 kHz</li> </ul> </li> <li>• <b>Playable MP3 Format</b> <ul style="list-style-type: none"> <li>Extension MP3</li> <li>Bit rate 32 – 320 kbps and VBR</li> <li>Sampling frequency 48, 44.1 kHz</li> </ul> </li> <li>• <b>Playable AAC Format</b> <ul style="list-style-type: none"> <li>Extension M4A</li> <li>Compression method AAC-LC</li> <li>Bit rate 64 – 320 kbps and VBR</li> <li>Sampling frequency 48, 44.1 kHz</li> </ul> </li> <li>• <b>Number of channels</b></li> <li>• <b>Audio frequency characteristics</b></li> </ul>	<p>Network SD/USB Recorder SD/USB memory/USB HDD SD, USB: FAT16/FAT32/HFS+</p>	<ul style="list-style-type: none"> <li>□ <b>Input</b></li> <li>• <b>BALANCED ANALOG IN L/R</b> <ul style="list-style-type: none"> <li>Type XLR(1:GND, 2:Hot, 3:Cold)</li> <li>Line setting +4 dBu</li> <li>Input level +24 dBu/+20 dBu/+18 dBu</li> <li>Maximum input level 20k<math>\Omega</math>/kohms</li> <li>Input impedance –60 – 16dBu</li> <li>MIC setting 5 k<math>\Omega</math>/kohms</li> <li>Input level Less than –127 dBu</li> <li>Input impedance (Rs=150 <math>\Omega</math>/ohms)</li> <li>EIN More than 80dB</li> </ul> </li> <li>• <b>CMRR</b></li> <li>• <b>UNBALANCED ANALOG IN L/R</b> <ul style="list-style-type: none"> <li>Type RCA terminal</li> <li>Input level –10 dBV</li> <li>Maximum input level +10 dBV/+6 dBV/4 dBV</li> <li>Input impedance 10 k<math>\Omega</math>/kohms</li> </ul> </li> <li>• <b>UNBALANCED DIGITAL IN</b> <ul style="list-style-type: none"> <li>Type RCA terminal</li> <li>Input impedance 75 <math>\Omega</math>/ohms</li> <li>Standard input level 0.5 Vp-p</li> <li>Format IEC-60958(COAXIAL)</li> </ul> </li> <li>• <b>BALANCED DIGITAL IN</b> <ul style="list-style-type: none"> <li>Type XLR(1:GND, 2:Hot, 3:Cold)</li> <li>Input impedance 110 <math>\Omega</math>/ohms</li> <li>Standard input level 3.5 Vp-p</li> <li>Format IEC-60958(AES/EBU)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>□ <b>Output</b></li> <li>• <b>BALANCED ANALOG OUT L/R</b> <ul style="list-style-type: none"> <li>Type XLR(1:GND, 2:Hot, 3:Cold)</li> <li>Load impedance Over 600 <math>\Omega</math>/ohms</li> <li>Output level +4 dBu at 600 <math>\Omega</math>/ohms load</li> <li>Maximum Output level +24 dBu/+20 dBu/+18 dBu</li> </ul> </li> <li>• <b>UNBALANCED ANALOG OUT L/R</b> <ul style="list-style-type: none"> <li>Type RCA terminal</li> <li>Load impedance Over 10 k<math>\Omega</math>/kohms</li> <li>Output level –10 dBV</li> <li>Maximum Output level +10 dBV/+6 dBV/+4 dBV</li> </ul> </li> <li>• <b>BALANCED DIGITAL OUT</b> <ul style="list-style-type: none"> <li>Type XLR(1:GND, 2:Hot, 3:Cold)</li> <li>Output impedance 110 <math>\Omega</math>/ohms</li> <li>Standard output level 3.0 Vp-p</li> <li>Format IEC-60958(AES/EBU)</li> </ul> </li> <li>• <b>UNBALANCED DIGITAL OUT</b> <ul style="list-style-type: none"> <li>Type RCA terminal</li> <li>Output impedance 75 <math>\Omega</math>/ohms</li> <li>Standard output level 0.5 Vp-p</li> <li>Format IEC-60958(COAXIAL)</li> </ul> </li> <li>• <b>HEADPHONE OUT</b></li> </ul>	<p>0dBu=0.775 Vrms, 0dBV=1.0 Vrms</p>
<ul style="list-style-type: none"> <li>• <b>S/N ratio</b></li> <li>• <b>Total harmonic distortion</b></li> <li>• <b>Dynamic range</b></li> <li>• <b>Channel separation</b></li> <li>• <b>Variable pitch width</b></li> <li>• <b>Variable trim adjustment width</b></li> </ul>	<p>20 Hz – 20 kHz (+0.5 dB / –1 dB) More than 89 dB (A-Weighted) Less than 0.01 % More than 106 dB (for 24 bit WAV playback) Less than –90 dB –16 % – +16 % <math>\pm</math>2.0 dB</p>	<ul style="list-style-type: none"> <li>□ <b>General</b></li> <li>• <b>Power supply</b></li> <li>• <b>Power consumption</b></li> <li>• <b>Environmental conditions</b> <ul style="list-style-type: none"> <li>Operating temperature 5 – 35 °C</li> <li>Operating humidity 25 – 85 %, no condensation</li> <li>Storage temperature –20 – 60 °C</li> </ul> </li> </ul>	<p>AC 120 V, 60 Hz (U.S.A and Canada models) AC 230 V, 50/60 Hz (European, U.K and Asia/ Pacific models) 30 W 0.4 W (standby) 3.4 W (Network standby)</p>	
<ul style="list-style-type: none"> <li>□ <b>Others</b></li> <li>• <b>Maximum storage capacity</b></li> <li>• <b>Maximum file size</b></li> <li>• <b>Maximum number of files</b></li> <li>• <b>Maximum number of folders</b></li> <li>• <b>Maximum number of folder hierarchies</b></li> </ul>	<p>Up to 2 TB 2 GB 2000 files (for 1 folder) 1000 folders 8 (under the root directory)</p>			



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