

# **Gryphon Ethos**

**Integrated Compact Disc Player and Digital to Analogue Converter** 

**Owner's Manual** 

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# **The Gryphon Name**

The Gryphon namesake and symbol is an appropriate image for the brand, inspired by Greek mythology, part eagle, part lion, the perfect union of grace and agility with power and authority.

Gryphon Audio Designs is quite simply
"the ultimate choice for the enthusiast who wants the sound with no frills other than the
luxury imparted by the fit, feel and finish."

(Hi-Fi News & Record Review magazine, UK)

# **The Gryphon Genetic Code**

The genetic code of all things Gryphon is derived from what one writer defined as:

"a code of perfectionism, the likes of which I've only ever seen at the Bugatti atelier in Alsace or at the great watch houses in Switzerland.

It is the result of not accepting the notion of compromise, on any level."

(Ken Kessler, audio critic)

At the very core of this genetic code lies what one critic described as Rasmussen's "subversion of traditional hi-fi styling"

(HiFi Choice magazine, UK)

with designs "so clean and simple, yet elaborate."

(Positivefeedback.com, USA)

Similar sentiments echo around the world.

# In the Very Best Company

In virtually every area of consumer goods, including such diverse fields as fashion, motoring, furniture, wine and spirits, there exists a revered top tier of luxury and excellence, a small, yet crucial, High End segment populated by innovative leaders who march to the beat of a different drum with scant regard for mundane concerns such as mass production or cost.

Their obsessive brief is always sublimely simple: To make their offerings the very best that they can possibly be, for the discerning few who can afford and appreciate them.

With aspirational brands, premium quality, aesthetic design, exclusive materials, advanced technologies and extravagant build quality are key elements that come together to create a rarefied level of luxuriant performance, fit, feel and finish.

While many of the aspirational brands will be familiar to the majority of luxury consumers, there are other activities and interests whose *High End* purveyors are known only to a limited group of cognoscenti.

# **Audible Illusions**

Curiously, High End domestic sound systems remain unexplored territory for many of even the most affluent. This lack of enthusiasm has often been justified by products that could easily be dismissed, because they were, rightfully, deemed to be unattractive or too complicated for casual users who dwell in lovingly crafted and styled domestic environments.

Fortunately, the issue of complexity has been resolved with the emergence of comprehensive home automation management systems with intuitive, customized user interfaces that simplify and integrate access to the functionality of a home entertainment installation.

As for aesthetic considerations, because beauty is in the eye of the beholder, the music lover with a critical, demanding eye can now have the final say in matters of styling and finish with unique, personalized custom exteriors.

For those who perhaps live under the misconception that they are unable to distinguish finer music nuances as reproduced by the best systems available, the fact is that even the briefest exposure will demonstrate how easy it is to appreciate the enhanced value of great music rendered by true High End home entertainment equipment capable of creating a credible illusion of actually being in the presence of the performers.

The fortunate few with the means to acquire the ultimate *in-home* entertainment owe it to themselves to experience the soul-stirring difference.

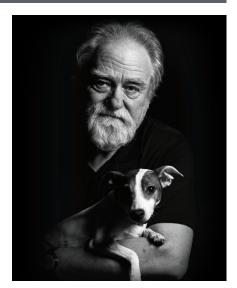


# The Man Behind the Brand

After 33 years at the helm of iconic Danish High End brand Gryphon Audio Designs, Flemming Erik Rasmussen has retired from the company he created almost unintentionally in 1985 to devote himself to his favourite pastimes which include fly fishing, photography, motorcycles, vintage automobiles and especially his first love, painting.

Rasmussen entered the audio field from an unusual direction after earning a degree in painting and graphic arts at the Aarhus Art Academy in Aarhus, Denmark. He then taught painting and photography for ten years before becoming chief designer of textiles and imprints for Scandinavia's largest sportswear brand.

Bitten by the audio bug, Rasmussen resigned to form 2R Marketing, which grew quickly to become Denmark's leading High End audio importer.



Flemming Erik Rasmussen

Rasmussen's passion for cutting edge audio technologies resulted in the design and manufacture of the Signal Master range of cables and plugs, making him the first to introduce PC-OCC (Pure Crystal Ohno Continuous Casting) cable technology outside Japan.

Gryphon Audio Designs was founded in 1985 as an offshoot of 2R Marketing. The first product, the now legendary Gryphon Head Amp, grew from a one-off spare time project developed only for the designers' own home systems. Although the Head Amp was initially strictly a hobby project, not an actively pursued commercial venture, demand generated by reviews and word of mouth acclaim led to the formal establishment of Gryphon Audio Designs as a separate corporate entity.

Following the immediate success of the Gryphon brand, import activities were phased out in 1993, so that Rasmussen could dedicate his efforts entirely to Gryphon.

Rasmussen's background in fine arts and industrial design imbued every Gryphon product with distinctive, luxuriant styling. His elegant, uniquely Scandinavian black on black designs were the original Nordic Noir, long before TV crime dramas appropriated the term.



The legendary Gryphon Head Amp

# **The Gryphon Story**



Gryphon Audio Designs (2010) and The Art of the Gryphon: Form and Function in a Spiritual Union (2015), a sumptuous photo gallery of Rasmussen's designs.

In the transfer of daily management in connection with Flemming E. Rasmussen's departure, there has fortunately been no doubt or uncertainty regarding the future direction of the Danish High End brand that continues to garner praise and admiration in audiophile circles around the world.

The enthusiastic and highly skilled Gryphon team of engineers, craftsmen and support staff remains wholly intact at all levels and each and every member continues to stand behind the brand's proven track record and renewed promise to offer the world's most inventive, technically most advanced and aesthetically most satisfying audio creations to the Gryphon audience of serious, dedicated music lovers.

Quite simply, the engineering, artistic and marketing resources that have defined the Gryphon for 35 years remain firmly committed to the founding principles that have been the bedrock of the company from the very beginning.

Gryphon Audio Designs proudly reaffirms our unwavering passion for audio in the service of your listening pleasure.

# The Gryphon Master Tape Collection

In the Gryphon listening rooms, we have over the years had exclusive access a unique library of original master tapes of recordings made during the Golden Age of studio engineering from 1956-1976. Unlike conventional commercial releases, these master tapes capture the dynamic contrasts and subtle inner harmonic structure of the musical event, forcing us to work to a higher standard in our efforts to maintain the integrity of the original musical performance.

### **Design Principles**

With state of the art technical equipment and some of the finest minds in the audio engineering field at our disposal, the Gryphon brand continues to define the highest audiophile standards of subjective and technical performance.

The dual mono configuration radically eliminates any possibility of crosstalk or other interference between channels and provides infinite channel separation which contributes to the ability to create space, focus, depth and transparency.

Because the electrical power coming out of your wall fluctuates wildly in terms of voltage and distortion, Gryphon incorporates heavily regulated multi-stage power supplies that act as effective mains conditioning filters. Displays and control circuits are fed by a separate power supply to isolate any digital noise artefacts and effectively prevent them from contaminating the signal path.

While the printed circuit boards in more conventional audio products, utilize conductor tracks a mere 35 µm thick, Gryphon employs at least 70 µm traces of the highest purity.

Beginning with our very first product, "The Head Amp" all Gryphon products have featured extremely wide frequency bandwidth, because the ability to reproduce ultra-sonic frequencies with no difficulty ensures linear phase across the audible frequency range.

The implementation of circuits with wideband frequency response is a painstaking endeavour in which the actual layout and ground pattern of the circuit boards are crucial to the achievement of superior sonic performance with no loss of inherent stability. Wideband frequency response ensures the high slew-rate essential to the realistic handling of the ultra-fast transients which routinely occur in live music and is crucial in recreating the natural decay of musical instruments.

Wide bandwidth also improves phase characteristics, for more correct sound-staging and imaging. All Gryphon designs are realized with none or an absolute minimum of negative feedback, which when present in large amounts can actually increase transient intermodulation distortion.

All Gryphon amplifiers are designed with zero negative global feedback except for the Gryphon Antileon series of power amplifiers which have a minimum amount of negative global feedback for improved linearity and bandwidth.

Gryphon research into the detrimental effects of magnetically induced distorted (MID) has led to the elimination of magnetizable materials wherever possible. To eliminate the effects of stray magnetic fields, non-magnetic materials are employed throughout, with the unavoidable exception of the transformer shield box. The mechanical design of the cabinet and assembly methods are all carefully calculated to ensure minimal resonance, either through the use of mechanically grounded high mass or decoupling. Vibration-sensitive components, capacitors in particular, are thus guaranteed a non-resonant environment.



The heavy, thick chassis offers a vibration-proof environment for the sensitive electronics inside and provides crucial shielding from a polluted world of low and high-frequency radio waves, power-line radiation and other electrical interference. Meticulous attention to such issues makes a significant contribution to the relaxing, open and transparent Gryphon sound.

Unique, non-invasive protection circuitry offers reliable, fuss-free protection without compromising signal purity and signal path simplicity. The ground path has been carefully laid out in order to achieve superior sonic performance with no loss of stability. Component layout has been designed to ensure the shortest conceivable signal path.

Exhaustive investigation underlies the selection of every component part and many original, proprietary components are custom-built exclusively for Gryphon. Because what is left out is just as important as what goes in, an absolute minimum of internal wiring is included.

By lavishing attention on each aspect of the circuit and fully understanding the purpose and behaviour of every single part of the whole, our designers can optimize performance in each section, before moving on to the next step. This ensures simplicity, a short signal path and a unity of purpose with a single, well-defined objective: musical purity.

In the interest of ultimate fidelity, tone controls, balance controls and other unnecessary components have been banished from the signal path.

#### **Exterior Design**

From the very beginning, every Gryphon product has offered stunning audio performance, sumptuous styling and superb user-friendliness, catering to the needs of the discerning audiophile who demands musicality, convenience and aesthetics, all without compromise. In every Gryphon product, form follows function in a unique synthesis of aesthetics and practicality. Gryphon stands for sophisticated technology with a high standard of industrial finish that also incorporates the best of handcraftsmanship. The peerless finish, build quality, ergonomics and pride of ownership that contribute to the totality of the Gryphon concept can only be fully understood and appreciated up close and in person.

Every Gryphon product offers a distinctive, luxuriant finish which arises organically out of the audio circuit design and the user interface for a truly unique integration of form and function.

# **Manufacture and Assembly**

At our laboratories and manufacturing facilities in Denmark, we maintain full control over every aspect of development and production, and the members of our conscientious staff diligently follow each Gryphon model from initial concept to early prototype, through to final quality control. Printed circuit boards are assembled by a supplier of precision military and medical equipment with strict standards of quality control and pre-inspection of components. Chassis parts are manufactured by specialists chosen solely for their outstanding quality of workmanship. In every aspect of every Gryphon product, the same stringent standards of excellence apply. Each unit is individually tested, after a 48-hour burn-in sequence, each product undergoes both electronically and audio performance tests again.









Home of the Gryphon is located in beautiful surroundings in Ry, Denmark

#### **Placement**

Do not place your Gryphon component on or near any source of heat such as power amplifiers. Do not place any object on the top covering the ventilation holes of your Gryphon component. Do not place it in an enclosed space such as a cabinet, unless ample ventilation is provided. If these guidelines are not observed, overheating may result.

# **AC Voltage**

Your Gryphon unit is especially made for the AC voltage of the country to which it has been shipped. If the voltage has been changed, the warranty is void and the product may be unsafe or malfunction. Correct AC polarity contributes greatly to optimum performance. If you are not using a three-pin, non-reversible power plug, please experiment with the orientation of the plug for optimum performance.

### **Choice of Cables**

Because your Gryphon component is a high-resolution audio device, it will immediately reveal the characteristics and possible limitations of the other components in your system, as well as those of the interconnects and loudspeaker cables used to connect your system.

Wiring should never be utilized as "equalizers" to correct errors elsewhere in the system. Instead, any error should be corrected at the source, so that interconnects and loudspeaker cables can be selected solely on the basis of sonic neutrality. For this reason, we employ Gryphon's own range of interconnects and cables at every stage in the design of every Gryphon product.

#### **Care and Maintenance**

Gryphon products are handcrafted by individuals who take great pride in the high level of fit and finish which we achieve. To maintain your Gryphon components in pristine condition, please follow these simple instructions. Metal surfaces may be cleaned with a damp cloth. Some products made for treatment of vinyl interiors in cars may be useful. Test the product on a non-visible surface, before using any fluids. Acrylic surfaces should only be wiped with a very soft, dry cloth. Small scratches may be removed with polish for acrylic surfaces. Fingerprints may be removed with a damp cloth. Do NOT use spirits or paper tissue.

# **Burn-In and Warm-Up**

Your Gryphon unit has been thoroughly tested and burned in before shipping. Performance will continue to improve during the first 40 – 50 hours of normal use. After this period, optimum performance will be reached approximately 45 minutes after turn-on.

# **Mains Switch**

The main ON/OFF switch on the Ethos is placed on the bottom center of the unit, near the front. If the blue LED to the left of the ON/STD symbol flashes 3 times in STB mode, this indicates wrong / defective AC mains voltage.



### **SAFETY INSTRUCTIONS**

Hazardous live AC power! Please find important safety instructions on p. 22

# **Ethos Manual**



# **User Instructions**

### Blue LED indicator to the left of display

- 1. If it blinks three times in STANDBY mode, this indicates wrong mains voltage.
- Blinking in ON mode indicates that the USB Super-Cap supply is being charged.
   The blue LED indicator stops blinking when the USB Super-CAP supply is fully charged.
- 3. Blue LED is on when the VFD display is OFF. Display OFF mode can be chosen in the Ethos menu.

#### ON/STB touch button:

LED indicator over the ON/STB symbol is Red when in standby mode.



# Playing a CD

Open the Ethos lid by manually lifting the small gold handle on the lid arm.

Place the CD on the spindle, being sure to center the CD.

Center the Ethos CD clamp on the CD spindle.

Close the Ethos lid and wait until the Ethos recognizes the CD.



Activate the 'PLAY' touch button on the Ethos front or 'PLAY' button on the Ethos remote.



Press **STOP** button on the Ethos front or remote to stop current CD playback



Press PAUSE button on the Ethos front or remote to pause current CD playback.

Press PAUSE or PLAY to re-start CD playback.



Press PREVIOUS on front to select the previous CD track.



Press **NEXT** on front to select the next CD track.

# **Selecting Source**



The 'INP.' Front button toggles between the four different Ethos inputs:

**CD-mode**: CD-playback only **DAC-mode**: 1. Input 1: USB input

2. Input 2: BNC S/PDIF input,  $75\Omega$  3. Input 3: AES/EBU input,  $110\Omega$ 



# **DISPLAY** information CD-mode

Current track playing and total number of tracks on disc.

Current mode: PLAY, STOP, PAUSE, FAST FORWARD or REWIND.

Time. Elapsed time of current track or total time on disc.

Current format being played, PCM (standard) or DSD (up-sampled to DSD).

Current Digital Filter in use.



# **DISPLAY information DAC-mode**

Current Ethos DAC digital input.

FS: current sampling frequency.

Input name (can be changed via the Ethos menu).

Current format being played, PCM or DSD.

Current Digital Filter in use.

Ethos locked/unlocked to input signal, indicated by padlock symbol.

#### Menu-activated functions:

To be able to navigate through the menu options, after entering the Ethos MENU option, some of the Ethos front touch buttons and Ethos remote buttons are used to switch functions:

**PLAY** now acts as the menu ENTER button, confirming the selected option.

**MENU** button is now used to return to previous menu item.

**MENU** is also used to exit MENU, when not entered a sub-menu.

STOP and PAUSE now scroll up and down among the possible sub-menus and settings.

If the sub-menu **CREATE INPUT NAME** has been selected, the **STOP** and **PAUSE** buttons are used to scroll between the possible characters and figures.

**PREVIOUS** and **NEXT** buttons move the cursor to the left or right where the character or figure is to be placed.

#### Options available via the 'MENU' function:

- . 'TIME TO STANDBY' when no music is playing and no Ethos buttons are pressed:
  - a. 30 minutes
  - b. 60 minutes
  - c. 2 hours
  - d. 4 hours
  - e. Infinite (default)
- OUTPUT GAIN', -6dB attenuation or 0dB when 'OFF' (default).
- 3. 'DSD LP-FILTER', 1st order analog Low-Pass filter 'OFF' (default) or 'ON'.
- 4. 'CREATE INPUT NAME'. This menu item makes it possible to change name of each Ethos DAC input from default standard pre-defined name (USB, S/PDIF & AES/EBU) to a custom chosen name. Each input name can be up to 8 characters and/or figures long.

MENU

# Menu-activated functions, continued:

- 5. 'BRIGHTNESS', adjustable in five steps:
  - a. 100%, full brightness (default)
  - b. 75%
  - c. 50%
  - d. 25%
  - e. OFF, display turns off after 15 sec.

Display turns on again when a front button or the Ethos remote is activated. Display turns automatically off again after 15 sec. from last button press, indicated when the blue LED to the left of ON/STB button turns on.

6. 'RESTORE SETTINGS' restores all settings to factory defaults.

WARNING: 'Restore Settings' also deletes all customized input names entered by the customer!

7. **'SERVICE MODE**'. This menu item is only accessible to Gryphon technicians.

#### Remote



#### FILTER:

Changes the Ethos DAC's digital filter slope for PCM or DSD formats:

- 1. PCM: 'Filter 1' indicates Slow roll-off, minimum phase filter.
- 2. PCM: 'Filter 2' indicates Slow roll-off, linear phase filter.
- 3. PCM: 'Filter 3' indicates Brickwall Filter.
- 4. PCM: 'Filter 4' indicates Hybrid Filter (default).
- PCM: 'Filter 5' indicates Apodizing Filter.
- 6. PCM: 'Filter 6' indicates Fast roll-off, minimum phase filter.
- 7. PCM: 'Filter 7' indicates Fast roll-off, linear phase filter.

#### UP-SAMP: (PCM/DSD)

DSD 'Filter 1': 50kHz -3dB pass band frequency (default).

DSD 'Filter 2': 60kHz -3dB pass band frequency.

DSD 'Filter 3': 70kHz -3dB pass band frequency.

Selectable upsampling under the following conditions: PCM format below Fs=384kHz. When ON, the Ethos upsamples to PCM Fs=384kHz or DSD128, Fs=5.6448MHz. Upsampling is ON when the green 'UP-SAMP' indicator to the right of the display is on.

Please observe that 'UP-SAMP' and 'FILTER' modes are set globally for all sources/inputs. Example: Selecting upsampling to DSD and filter 3, for incomming PCM signal via USB input, means that the same settings are applied when playing a CD or using AES/EBU or S/PDIF inputs.

#### INVERT:

Selectable inversion of the Ethos output signal phase. The output signal is inverted when the green 'INVERT' indicator to the right of the display is on.

#### DIRECT INPUT SELECT:

The four remote buttons; 'CD', 'USB', SPDIF' and 'AES/EBU' directly selects the respective Ethos input.

#### TIME:

Toggles between 'TIME: IN TRACK' and 'TIME: ON DISC' when the Ethos is in CD mode.

#### REPEAT:

Toggles between 'repeat entire disc' or 'repeat current track'

#### MENU:

This remote button selects the Ethos MENU options, described previously in this manual.



#### **Ethos connections**

From left:

#### **Right channel Analog outputs:**

Single-ended RCA and balanced XLR\*.

## **USB INPUT 1**:

Connect to PC or Mac through your preferred dedicated USB audio cable.

Please see separate PC/Mac player information and guide on: www.gryphon-audio.com. Accepted USB formats and sample rates: PCM (Pulse Code Modulated):Fs: 44.1Khz, 48Khz, 88.2Khz, 96Khz 176.4Khz, 192Khz, 352.8Khz or 384Khz

DSD (Direct-Stream Digital): Mac: DSD64 and DSD128 Windows: DSD64, DSD128, DSD256 and DSD512.

NO Drivers needed for Mac OSX 10.6+ and Linux with UAC2 compliant kernel. Ethos Kernel-Streaming/ASIO drivers for MS

OS Win7 to Win10 32-64bit, can be downloaded at: www.gryphon-audio.com

#### **BNC, S/PDIF INPUT 2**:

Connect a digital source with single-ended 75 Ohm output to this input.

#### **AES/EBU INPUT 3:**

Connect a digital source with balanced 110 Ohm output to this XLR\* input.

#### AES/EBU OUTPUT, CD MODE:

This XLR\* output output's the 44.1 kHz EBU, 110  $\Omega$  from the Ethos CD drive.

#### 12V LINK IN:

+12VDC on this 12V link INPUT turns the Ethos on from Standby. The Ethos re-enters Standby when the +12VDC voltage is no longer present.

Mini Jack Mono connectors with + on the tip are to be used.

#### Mains input:

Actual working mains voltage is printed on the Serial Number label on rear side of the Ethos. Only connect the Ethos to the specified voltage!

#### Left channel Analog outputs:

Single-ended RCA and balanced XLR\*.

\* XLR: PIN1: GROUND, PIN2: POSITIVE, PIN3: NEGATIVE

# **Remote Codes**

The Ethos remote control uses the Philips RC-5 standard for infrared communication.

# The following RC-5, system 20 codes are used for the Gryphon Ethos:

Direct Ethos Input codes:

CD	PREVIOUS
USB 20	NEXT
SPDIF	REPEAT 29
AES/EBU: 40	ON/STB
	TIME
STOP	UP-SAMP 42
PLAY 53	PCM/DSD 56
FAST FORWARD 52	FILTER 44
REWIND 50	INVERT 46
PAUSE 48	MENU

#### The following RC-5, system 16 codes are used for Gryphon Amplifiers:

ON/OFF							12
MUTE							13
VOL UP							16
VOL DOWN							17
INPUT UP							32
INPUT DOWN							33

# **Gryphon Keepsakes**

To fully express your pride in the ownership of a Gryphon product, we offer a range of Gryphon branded accessories, apparel and more.



Gryphon business card holder, designed by Georg Jensen





The Gryphon Sculpture, created by sculptor Kaj Hansen, individually sandcast, polished and hand-finished





#### Book

The Art of the Gryphon: Form and Function in a Spiritual Union, 140 pages photo gallery

# **Warranty& Support**

The Gryphon Ethos is warranted against failures arising through faulty workmanship and materials for a period of 3 years (2 years on laser and movable parts) from date of purchase. The warranty is not transferable.

This warranty is only valid in the country where the product was purchased.

All claims under this warranty must be made to the distributor in the buyer's country by returning the unit securely packed in the original box with all accessories, postage/freight prepaid and insured. The unit will be repaired or replaced at no charge for parts and labor.

This warranty remains valid only if the serial number of the unit has not been defaced or removed or if repairs are performed by non-authorized Gryphon dealers or distributors.

The warranty does not cover damage due to misuse, accident or neglect. This warranty is not valid if the operation voltage of the product has been changed or other modifications are performed.

The distributor or manufacturer, Gryphon Audio Designs, Denmark, retains the exclusive right to make such judgement on the basis of inspection.

The retailer, distributor or manufacturer of the Gryphon shall not be liable for consequential damage arising from the use, misuse or failure of this product, including injuries to persons or property.

Please do not contact Gryphon for repair, warranty issues or technical questions. Our local representatives are competent and happy to help you.

To secure the best service, the enclosed warranty registration card must be filled out and returned to the manufacturer within 10 days of purchase.

Alternatively, you may wish to register online from our website. www.gryphon-audio.com

To confirm your warranty registration, you will receive a little Gryphon token to welcome you to the family of Gryphon owners.

Notes	
Gryphon Model:	
Serial No:	
Date of purchase:	
Dealer:	
Country:	



Notes

### **Important Safety Instructions**

- 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.

US power plugs (NEMA5-15) only: 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. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, 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.
- 14. Do not open the equipment to reduce the risk of electrical shock. Refer all disassembling to qualified service personnel.
- 15. WARNING: To reduce the risk of fire or 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.
- 16. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
- 17. The mains plug of the power supply cord shall remain readily operable.
- 18. No naked flame sources, such as lighted candles, should be placed on the apparatus



COMPLIES WITH 21 CFR 1040.10 AND 1040.11 EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE NO. 50, DATED JUNE 24, 2007.





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.

# **Remote Control Battery**

# WARNING Danger of explosion

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type.

# WARNING Chemical burn hazard

If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.