



C 426

FM/AM Tuner



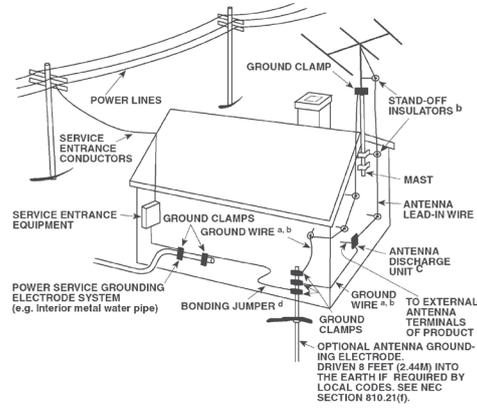
Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

1. **Read instructions** - All the safety and operating instructions should be read before the product is operated.
2. **Retain instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the product and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.
6. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Water and Moisture** - Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9.  **Cart** - A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10. **Ventilation** - Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
11. **Power Sources** - This product should be operated only from the type of power source indicated on the marking label and connected to a MAINS socket outlet with a protective earthing connection. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
12. **Power Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
13. **Mains Plug** - Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
14. **Outdoor Antenna Grounding** - If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



15. **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power line surges.
16. **Power Lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
17. **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
18. **Flame Sources** - No naked flame sources, such as lighted candles, should be placed on the product.
19. **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. **Headphones** - Excessive sound pressure from earphones and headphones can cause hearing loss.
21. **Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power supply cord or plug is damaged.
 - b. If liquid has been spilled, or objects have fallen into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e. If the product has been dropped or damaged in any way.
 - f. When the product exhibits a distinct change in performance-this indicates a need for service.
22. **Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

23. Battery Disposal - When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.

24. Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

25. Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

WARNING



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.



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

THE EQUIPMENT MUST BE CONNECTED TO AN EARTHED MAINS SOCKET-OUTLET.

CE This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 2004/108/EC.

NOTES ON ENVIRONMENTAL PROTECTION

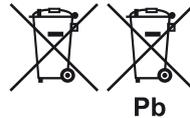


At the end of its useful life, this product must not be disposed of with regular household waste but must be returned to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's manual and packaging point this out.

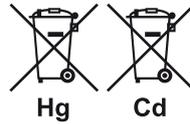
The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials, or other forms of recycling of old products, you are making an important contribution to the protection of our environment.

Your local administrative office can advise you of the responsible waste disposal point.

INFORMATION ABOUT COLLECTION AND DISPOSAL OF WASTE BATTERIES (DIRECTIVE 2006/66/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL OF EUROPEAN UNION) (FOR EUROPEAN CUSTOMERS ONLY)



Batteries bearing any of these symbols indicate that they should be treated as "separate collection" and not as municipal waste. It is encouraged that necessary measures are implemented to maximize the separate collection of waste batteries and to minimize the disposal of batteries as mixed municipal waste.



End-users are exhorted not to dispose waste batteries as unsorted municipal waste. In order

to achieve a high level of recycling waste batteries, discard waste batteries separately and properly through an accessible collection point in your vicinity. For more information about collection and recycling of waste batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

By ensuring compliance and conformance to proper disposal of waste batteries, potential hazardous effects on human health is prevented and the negative impact of batteries and waste batteries on the environment is minimized, thus contributing to the protection, preservation and quality improvement of the environment.

RECORD YOUR MODEL NUMBER (NOW, WHILE YOU CAN SEE IT)

The model and serial number of your new C 426 are located on the back of the cabinet. For your future convenience, we suggest that you record these numbers here:

Model number :
 Serial number :

INTRODUCTION

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THANK YOU FOR CHOOSING NAD.

The C 426 Tuner is a technologically advanced and highly capable product — yet we have invested great effort in making it simple and easy to use. We have been careful to ensure that the C 426 is as musically transparent and spatially accurate as possible, incorporating much of what we've learned from a quarter century's experience designing audio, video and home-theater components. As with all our products, NAD's "Music First" design philosophy guided the C 426's design, such that it can confidently promise you both state-of-the-art and audiophile-quality music listening for years to come.

We encourage you to take a few minutes now to read right through this manual. Investing a little time here at the outset might save you a good deal of time later, and is by far the best way to ensure that you make the most of your investment in the C 426, and get the most from this powerful and flexible audio component.

One more thing: We urge you to register your C 426 ownership on the NAD Worldwide Web site:

<http://NADelectronics.com/warranty>

For warranty information contact your local distributor.

WHAT'S IN THE BOX

Packed with your C 426 you will find

- An AM loop antenna.
- A FM ribbon-wire antenna with balun.
- A detachable AC power cord.
- An audio cable connector (RCA-to-RCA lead).
- The TNR 1 remote control with 2 (two) AAA batteries.
- This owner's manual version in CD-ROM.

SAVE THE PACKAGING

Please save the box and all of the packaging in which your C 426 arrived. Should you move or otherwise need to transport your C 426, this is by far the safest container in which to do so. We've seen too many otherwise perfect components damaged in transit for lack of a proper shipping carton, so please: Save that box!

CHOOSING A LOCATION

Choose a location that is well ventilated (with at least several inches to both sides and behind), and that will provide a clear line of sight, within 23 feet/7 meters, between the C 426's front panel and your primary listening/viewing position—this will ensure reliable infrared remote control communications. Avoid placing the unit in direct sunlight or near sources of heat and damp. It is perfectly possible to stack the C 426 on top of other components.

QUICK START

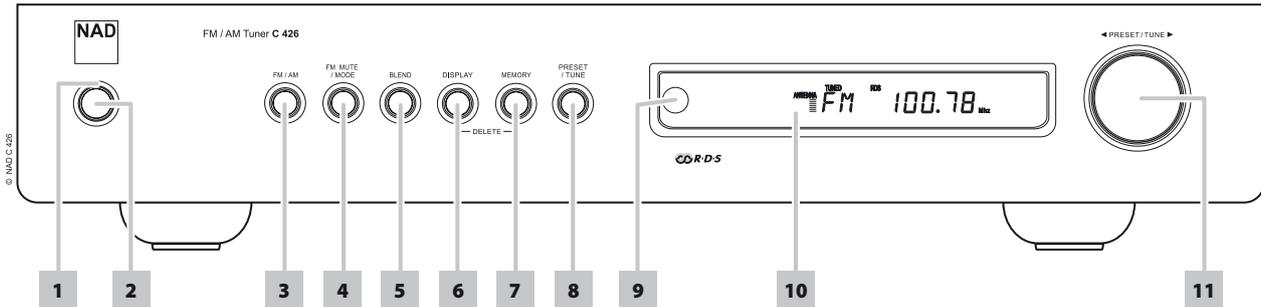
In case you simply cannot wait to experience the performance of your new C 426, we provide the following "Quick Start" instructions to get you underway.

Please make all the connections to your C 426 with the unit unplugged. It is also advisable to power down or unplug all associated components while making or breaking any signal or AC power connections.

- 1** Use the RCA-to-RCA lead to connect the left and right output of the C 426 to the tuner input of your amplifier.
- 2** Connect AM and FM antenna.
- 3** Connect the supplied AC cord to the C 426 AC mains input and then plug into an AC outlet. The Standby LED indicator embedded around the bezel of the STANDBY button will illuminate amber.
- 4** Plug the AC mains plug also of your amplifier into the AC outlet. Power up your amplifier and set it to the tuner input where the C 426 is connected.
- 5** Press the front panel STANDBY button to turn ON the C 426. The Standby LED indicator will turn from amber to blue and illuminate the VFD.
- 6** Toggle front panel's [FM/AM] button to select AM or FM band.
- 7** Toggle front panel's [PRESET/TUNE] button to switch between "Preset" and "Tune" mode. Select TUNE mode ("TUNE" scrolls through the VFD).
- 8** Rotate the [PRESET/TUNE] control knob to select desired station.

IDENTIFICATION OF CONTROLS

FRONT PANEL



- 1 STANDBY LED:** This indicator will light up amber when the C 426 is in standby state. When the C 426 is at ON state, this indicator will illuminate blue. This indicator will extinguish itself when the power cable is unplugged from the AC supply.
- 2 STANDBY BUTTON:** Press this button to turn ON the C 426. The Standby LED indicator will turn from amber to blue and illuminate the VFD. Pressing the STANDBY button again turns the unit back to standby mode.
- 3 FM/AM:** Toggle [FM/AM] button to select AM or FM band.
- 4 FM MUTE/MODE:** The front panel [FM MUTE/MODE] button is a dual-purpose control. In the normal position, "FM ST" and "FM MUTE" icons on the VFD are lit; only the stations with a strong signal can be listened to, and the noise between stations is muted.

Pressing the [FM MUTE/MODE] button again ("FM ST" and "FM MUTE" icons on the VFD are extinguished) allows distant and potentially noisy stations to be received. Noise is reduced if the FM station signal level is less than the FM Stereo threshold (since mono FM is inherently less noise prone) though at the sacrifice of the stereo effect.

The "FM MUTE" status can be stored for individual presets.

- 5 BLEND:** The NAD BLEND feature will allow you to reduce the amount of noise and hiss but still retain some level of stereo separation, instead of mono. The [BLEND] button toggles between engaging and disengaging the BLEND feature. When engaged, "BLEND" is illuminated in the VFD; "BLEND" is extinguished when not engaged.

The "BLEND" status can be stored for individual presets.

- 6 DISPLAY:** Use this multifunction button to toggle between RDS PS, RDS RT and station frequency in FM tuner mode. [Refer also to the item about VIEW RDS TEXT at the LISTENING TO AM/FM RADIO section of the OPERATION page.](#)

In combination with [MEMORY] button, [DISPLAY] button is also used in deleting stored presets. [Refer also to the item about DELETE A PRESET at the LISTENING TO AM/FM RADIO section of the OPERATION page.](#)

- 7 MEMORY:** Press this button to store tuned AM or FM stations to the C 426's 40 preset-memory locations. One can store a mix of any AM or FM stations to the 40 available presets.

In combination with [DISPLAY] button, [MEMORY] button is also used in deleting stored presets. [Refer also to the item about DELETE A PRESET at the LISTENING TO AM/FM RADIO section of the OPERATION page.](#)

- 8 PRESET/TUNE:** Toggle [PRESET/TUNE] button to switch between "Preset" and "Tune" mode. Select TUNE mode ("TUNE" scrolls through the VFD) or PRESET mode ("PRESET" scrolls through the VFD).
- 9 REMOTE SENSOR:** Point the TNR 1 remote control at the remote sensor and press the buttons. Do not expose the remote sensor of the C 426 to a strong light source such as direct sunlight or illumination. If you do so, you may not be able to operate C 426 with the remote control.

Distance: About 23 ft (7 m) from the front of the remote sensor

Angle: About 30° in each direction of the front of the remote sensor

- 10 VACUUM FLUORESCENT DISPLAY (VFD):** Provide visual information on the settings, conditions, status and other information relevant to the currently tuned station.

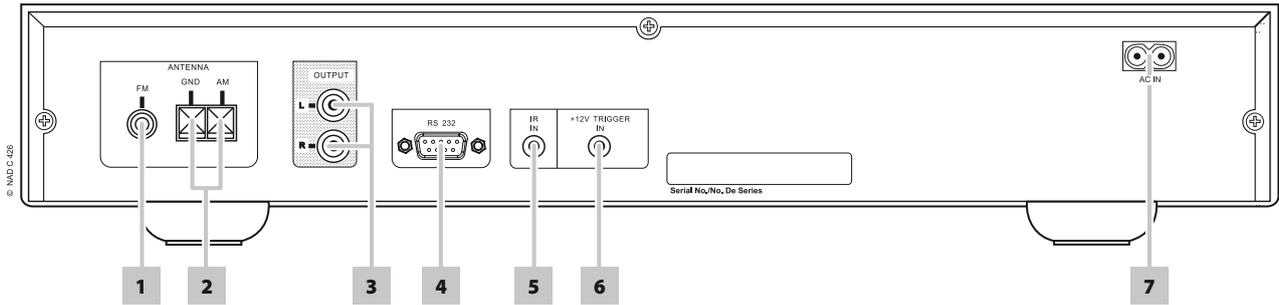
- 11 PRESET/TUNE CONTROL KNOB:** The function of this control knob depends upon the selected tuning mode via the PRESET/TUNE button. Toggle [PRESET/TUNE] button to switch between "Preset" and "Tune" mode.
- a. **Preset mode:** Rotate the PRESET/TUNE control to the left to scroll to a lower Preset number; rotate the PRESET/TUNE control to the right to scroll to a higher Preset number. This is a "wrap-around" function – upon reaching the last stored Preset number, preset search will continue on with the first stored Preset number and vice-versa. Unused preset numbers are skipped over.
 - b. **Tune mode:** Rotate the PRESET/TUNE control in either direction for more than 1 second to engage automatic tuning. The tuner will stop at the next sufficiently strong signal it encounters. Note that this function "wraps" – that is, it will continue to search from one end of the AM or FM band to the other until it stops at a strong signal. Rotate the PRESET/TUNE control again for more than 1 second to start searching again.

By briefly rotating the PRESET/TUNE control in either direction, manual tuning is engaged for precise tuning to a specific frequency. With each brief rotation, the tuner will take 0.05 MHz steps at FM band and 10 kHz (120V version) or 9 kHz (230V version) at AM band. When tuned accurately to a station, "TUNED" will be illuminated in the VFD. The antenna bars displayed below the ANTENNA icon in the VFD reflects the signal strength of the tuned station.

Automatic tuning is available on both AM and FM band.

IDENTIFICATION OF CONTROLS

REAR PANEL



ATTENTION!

Please make sure that the C 426 is powered off or unplugged before making any connections. It is also advisable to power down or unplug all associated components while making or breaking any signal or AC power connections.

- 1 FM ANTENNA TERMINAL:** Connect the supplied wire “dipole” FM antenna to the FM antenna terminal using the supplied “balun” adapter. It will usually work best when mounted on a vertical surface such as a wall, with arms fully outstretched forming a horizontal “T” perpendicular to the origin point of the signal.
- 2 AM ANTENNA TERMINAL:** Connect the supplied AM loop antenna to these terminals. If an external AM antenna is used, make connections to the AM and GND terminals in accordance with the instructions supplied with the antenna. [Refer also to the item about ASSEMBLING THE LOOP ANTENNA at the LISTENING TO AM/FM RADIO section of the OPERATION page.](#)
- 3 OUTPUT (L, R):** Connect to the corresponding analog audio input of an amplifier, receiver or stereo system.
- 4 RS-232:** Connect this interface using RS-232 serial cable (not supplied) to any Windows® compatible PC to allow remote control of the C 426 via compatible external controllers. NAD is a certified partner of AMX and Crestron and fully supports these external devices. Check out the NAD website for information about AMX and Crestron compatibility with NAD. See your NAD audio specialist for more information.
- 5 IR IN:** This input is connected to the output of an IR (infrared) repeater (Xantech or similar) or the IR output of another component to allow control of the C 426 from a remote location. Most NAD products with IR OUT are fully compatible with the C 426.
- 6 +12V TRIGGER IN:** This input allows the C 426 to be switched remotely to standby mode and ON by ancillary equipment, such as an amplifier, preamp, AV processor, etc. The controlling device must be equipped with a 12V trigger output to use this feature. Connect this +12V trigger input to the remote component’s corresponding +12V DC output jack using a mono cable with 3.5mm male plug.

- 7 AC MAINS INPUT:** The C 426 comes supplied with a separate AC Mains cable. Before connecting the cable to a live wall socket, ensure that it is firmly connected to the C 426’s AC Mains input socket first. Connect only to the prescribed AC outlet, i.e., 120V 60 Hz (for 120V version models of C 426 only) or 230V 50 Hz (for 230V version models of C 426 only). Always disconnect the AC Mains cable plug from the live wall socket first, before disconnecting the cable from the C 426’s Mains input socket.

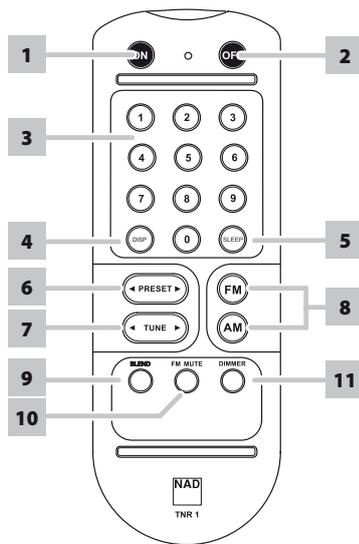
If you intend not to use the C 426 for long periods of time, disconnect the AC mains cable plug from the live AC wall socket.

WARNING

If the male plug of the mono cable (with or without +12V DC) is connected to C 426’s +12V TRIGGER IN, the Standby button in the front panel as well as the corresponding ON/OFF function keys in the remote control will be disabled. Unplug the mono cable to maintain normal power ON/OFF function procedures.

IDENTIFICATION OF CONTROLS

TNR 1 REMOTE CONTROL



- 1 ON:** Power up C 426 from standby mode.
- 2 OFF:** Switch C 426 to standby mode.
- 3 0-9 number buttons:** Direct-entry of frequency channel or preset number.
- 4 DISP:** Show RDS PS, RDS PT, Preset name or station frequency as applicable.
- 5 SLEEP:** Set sleep mode timer.
- 6 PRESET:** Step up or down between stored radio presets.
- 7 TUNE:** Tune forward or backwards.
- 8 FM/AM:** Select AM or FM band.
- 9 BLEND:** Activate or deactivate BLEND feature.
- 10 FM MUTE:** Activate or deactivate FM MUTE FM STEREO mode.
- 11 DIMMER:** Reduce, turn off or restore VFD brightness.

SLEEP MODE

The Sleep Mode timer will switch the C 426 to standby mode automatically after a preset number of minutes. Toggle TNR 1's [SLEEP] key to select through the following Sleep mode timer settings – SLEEP 30, SLEEP 60, SLEEP 90 and OFF. Stop at the desired Sleep mode timer setting. A corresponding "SLEEP" icon will be illuminated in the VFD.

While at SLEEP time mode, pressing the TNR 1's [SLEEP] button once will display the remaining minutes (i.e. "SLEEP _ _"; "_ _" is the number of minutes remaining) before the C 426 goes to standby mode.

To cancel the sleep mode, continue pressing the TNR 1's [SLEEP] button until "OFF" displays on the VFD. Switching the C 426 to standby from either the TNR 1's [OFF] button or the front panel Standby button will also cancel the sleep mode.

DIMMER

The VFD brightness can be adjusted in three ways. Toggle the [DIMMER] button to reduce, turn off or restore VFD brightness.

OPERATION

LISTENING TO AM/FM RADIO

The C 426 offers very high quality sound from radio broadcasts. The reception and sound quality will always be dependent to a degree however on the type of antenna(s) used as well as proximity to the broadcast origin, geography and weather conditions.

ABOUT ANTENNAS

The supplied ribbon-wire FM antenna can be connected to the rear panel FM-antenna input using the included "balun" adapter and should be fully extended to form a "T". This folded-dipole antenna will usually work best when oriented vertically, with the arms of its "T" fully outstretched and arranged perpendicular to the origin of the desired broadcast. There are no "rules" however, and experimenting freely with antenna placement and orientation may yield the clearest sound and lowest background noise.

In areas of poor FM reception, an exterior FM antenna can improve performance dramatically. If radio listening is important to you, consider consulting an antenna installation professional to optimize your system.

The supplied AM "loop" antenna will usually provide adequate reception. However, an exterior AM antenna can be used to improve reception. Consult an antenna professional for more information.

ASSEMBLING THE LOOP ANTENNA

- 1 Rotate the outer frame of the antenna.
- 2 Insert the bottom edge of the outer frame into the groove on the stand.
- 3 Extend the antenna cord.



SELECTING A TUNER BAND

Toggle front panel's [FM/AM] button to select either AM or FM band. Using the TNR 1, select desired band by directly pressing [AM] or [FM] button.

TUNING STATIONS

Toggle front panel's [PRESET/TUNE] button to switch between "Preset" and "Tune" mode. Select TUNE mode ("TUNE" scrolls through the VFD) or PRESET mode ("PRESET" scrolls through the VFD).

- 1 Rotate the PRESET/TUNE control in either direction for more than 1 second to engage automatic tuning. The tuner will stop at the next sufficiently strong signal it encounters. Note that this function "wraps" – that is, it will continue to search from one end of the AM or FM band to the other until it stops at a strong signal. Rotate the PRESET/TUNE control again for more than 1 second to start searching again.
- 2 By briefly rotating the PRESET/TUNE control in either direction, manual tuning is engaged for precise tuning to a specific frequency. With each brief rotation, the tuner will take 0.05 MHz steps at FM band and 10 kHz (120V version) or 9 kHz (230V version) at AM band. When tuned accurately to a station, "TUNED" will be illuminated in the VFD. The antenna bars displayed below the ANTENNA icon in the VFD reflects the signal strength of the tuned station.

Automatic tuning is available on both AM and FM band.

DIRECT TUNING

If you know your desired station's frequency allocation, you can tune directly to the station.

- 1 Toggle front panel's [PRESET/TUNE] button to switch between "Preset" and "Tune" mode. Select TUNE mode ("TUNE" scrolls through the VFD).
- 2 Using the numeric keys of the remote control, key-in the frequency allocation of the station. For example, to enter 104.50MHz, press "1", "0", "4", "5" and "0" or press "1", "0", "4" and "5".

STORING PRESETS

The C 426 can store a mix of your 40 favorite AM and FM stations for immediate recall.

- 1 To store a Preset, tune first to the desired frequency and then press the front panel [MEMORY] button.
- 2 "MEMORY" and the next available Preset number will continually flash on the VFD (If all 40 preset numbers are allocated already, you can overwrite an existing Preset number. Rotate the PRESET/TUNE control knob to select the Preset number you want to overwrite).
- 3 Press the [MEMORY] button again to store the desired frequency on the Preset number shown ("STORED" scrolls through the VFD). Your desired frequency is now stored in the assigned preset.

DIRECT RECALL OF A PRESET

You can directly recall a desired Preset number.

- 1 Toggle front panel's [PRESET/TUNE] button to switch between "Preset" and "Tune" mode. Select PRESET mode ("PRESET" scrolls through the VFD).
- 2 Using the numeric keys of the remote control, key-in directly your desired Preset number.

DELETE A PRESET

- 1 Select the Preset number to be deleted.
- 2 Press and hold both the front panel [MEMORY] and [DISPLAY] buttons until "DELETE" is shown flashing in the VFD. Immediately release both buttons and then press [DISPLAY] button again ("DELETED" scrolls through the VFD). Current Preset number is now deleted.

ABOUT USER NAMES

A particular Preset number can be assigned an eight-character "User Name". This applies only to stored AM stations and non-RDS FM stations. The assigned "User Name" will be shown in the VFD whenever the associated Preset number is recalled.

ENTERING USER NAMES

To assign a Preset number with the user name "NEWS", follow the procedure as below.

- 1 Recall the desired Preset number.
- 2 Press and hold [DISPLAY] button until the display shows a flashing cursor point.
- 3 Rotate the [PRESET/TUNE] control knob to select the first character of the name ("N" from the alphabetical list).
- 4 Press [DISPLAY] button to select the character and correspondingly move forward to the next position. Repeat this process for each character in sequence.
- 5 Press the [MEMORY] button to store the User Name ("STORED" scrolls through the VFD). The current Preset number is now assigned the user name "NEWS".

ABOUT RDS

The Radio Data System (RDS) permits sending small amounts of digital information using conventional FM radio broadcasts. The C 426 supports two RDS modes, program-service name (PS mode) and radio-text (RT mode). Not every FM station incorporates RDS in its broadcast signal. In most areas you will find from one to several RDS-enabled stations, but it is by no means impossible that your favorite stations will not be broadcasting RDS data.

VIEW RDS TEXT

When an RDS-enabled FM broadcast is tuned, the station's program-service name (PS) will be shown in the VFD (i.e., "ROCK 101") and a "RDS" symbol will also be illuminated.

Press the [DISPLAY] key to toggle the readout between this and the station's radio-text (RT) readout, if any, which might scroll song or artist name, or any other text of the station's choosing.

REFERENCE

TROUBLESHOOTING

CONDITION	POSSIBLE CAUSES	POSSIBLE SOLUTIONS
No power.	<ul style="list-style-type: none"> The power cord is disconnected. 	<ul style="list-style-type: none"> Plug the power cord into the wall outlet securely.
No sound.	<ul style="list-style-type: none"> Power AC lead unplugged or power not switched ON. 	<ul style="list-style-type: none"> Check AC lead is plugged in and power switched on.
	<ul style="list-style-type: none"> Signal leads incorrectly connected. 	<ul style="list-style-type: none"> Check connections to amplifier.
	<ul style="list-style-type: none"> Station not selected or weak signal with FM MUTE 	<ul style="list-style-type: none"> Re-tune or deactivate FM MUTE.
Noisy reception, hiss.	<ul style="list-style-type: none"> Weak signal. 	<ul style="list-style-type: none"> Check station tuning. Adjust or replace antenna.
Reception with whistling, buzzing noise.	<ul style="list-style-type: none"> Interference from other computers, games consoles. 	<ul style="list-style-type: none"> Check station tuning. Switch off or move the source of electrical noise.
No RDS information.	<ul style="list-style-type: none"> Station signal too weak. 	<ul style="list-style-type: none"> Check station tuning. Adjust or replace antenna.
	<ul style="list-style-type: none"> Station not transmitting RDS data. 	<ul style="list-style-type: none"> Tune to an RDS station that supports program-service name (PS mode) and radio-text (RT mode).
C 426 does not respond to remote control commands.	<ul style="list-style-type: none"> Batteries are flat or incorrectly inserted. 	<ul style="list-style-type: none"> Check batteries.
	<ul style="list-style-type: none"> Infrared receiver (IR) window of the C 426 or IR transmitter of the remote control is obstructed. 	<ul style="list-style-type: none"> Check IR windows and ensure clear line-of-sight from remote control to C 426.
	<ul style="list-style-type: none"> C 426 front panel is in very bright sunlight or ambient light. 	<ul style="list-style-type: none"> Reduce sunlight/room lighting.

RESTORING C 426 TO ITS FACTORY DEFAULT SETTINGS

- 1 Press and hold both the front panel [MEMORY] and [PRESET/TUNE] buttons until all VFD icons are illuminated.
- 2 Immediately press any front panel button; the C 426 will go to standby mode.
- 3 Press the STANDBY button to power up C 426 from standby mode; the C 426 is restored to its factory default settings with all Presets cleared/erased.

FM SECTION

Usable Sensitivity (98 MHz)	15 dB μ
Signal/Noise Ratio	72 dB (60 dB μ IHF-WTD Mono) 66 dB (60 dB μ IHF-WTD Stereo)
Frequency Response	\pm 1.0 dB (20 Hz - 15 kHz, 60 dB μ)
Channel Separation (60 dB μ) - 30 Hz	33 dB
1 kHz	42 dB
10 kHz	32 dB
Capture Ratio (40 dB μ)	3 dB
AM Suppression	65 dB (60 dB μ , 100% Mod. FM, 30% Mod. AM)
Image Rejection (119.4 MHz)	85 dB
I.F. Rejection (10.7 MHz)	78 dB
Pilot Suppression (60 dB μ)	60 dB
Total Harmonic Distortion* - Mono	0.25%
Stereo	0.35%
Auto Search Sensitivity - On	24 dB μ
Off	15 dB μ
RDS Decode Sensitivity	26 dB μ

AM SECTION

Usable Sensitivity (999/1000 kHz)	30 dB μ
Signal/Noise Ratio (5 mV in)	38 dB
Total Harmonic Distortion (5 mV in)	3%
IF Rejection (450 kHz)	36 dB
Image Rejection (F+2xIF)	28 dB
Selectivity	17 dB
Loop Sensitivity (20dB S/N) - 999 /1000 kHz	66 dB
603/600 kHz	66 dB
1404/1400 kHz	66 dB
Frequency response (100 - 2.3 kHz, 5 mV)	\pm 6 dB

GENERAL SPECIFICATIONS

Standby power	<0.5W
Unit Dimension (W x H x D)	435 x 87 x 312 mm (Gross)**
Net weight	4.2 kg
Shipping weight	5.3 kg

* 60 dB μ , L=R 75 kHz for 120V version; 40 kHz Dev for 230V version

** Gross dimensions include feet, [PRESET/TUNE] control knob and rear panel terminals.

Specifications are subject to change without notice. For updated documentation and features, please log onto www.NADelectronics.com for the latest information about C 426.



www.NADelectronics.com

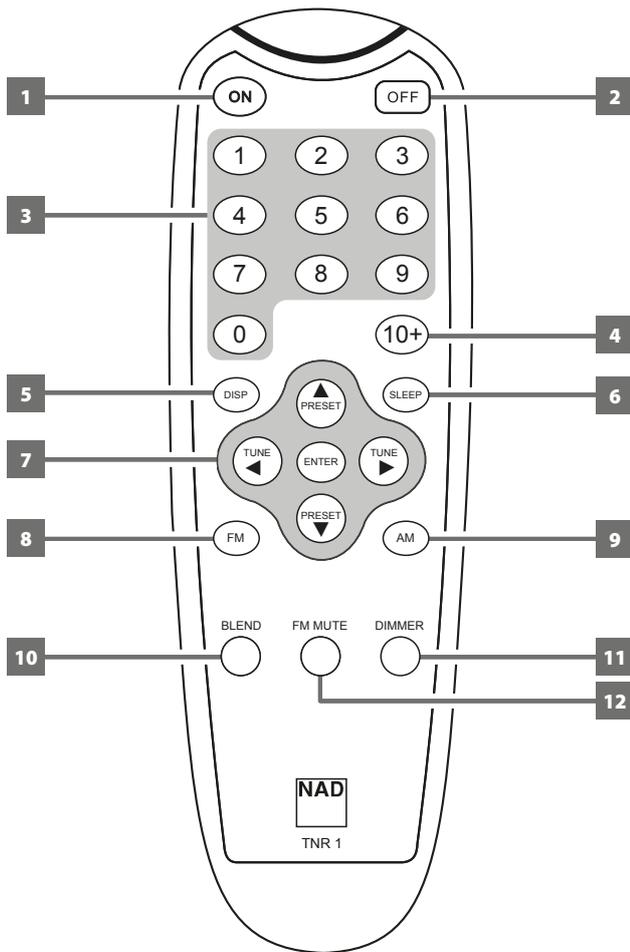
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ADDENDUM SHEET FOR C 426

USING THE NEW TNR 1 REMOTE CONTROL



- 1 ON:** Power up C 426 from standby mode.
- 2 OFF:** Switch C 426 to standby mode.
- 3 0-9 number buttons:** Direct-entry of frequency channel or Preset number.
- 4 10+:** Switch between AM and FM band.
- 5 DISP:** Show RDS PS, RDS PT, Preset name or station frequency as applicable.
- 6 SLEEP:** Set sleep mode timer.
- 7 PRESET:** Step up or down Preset numbers.
TUNE: Tune forward or backwards.
ENTER: Not applicable for C 426.
- 8 FM:** Select FM band.
- 9 AM:** Select AM band.
- 10 BLEND:** Activate or deactivate BLEND feature.
- 11 DIMMER:** Reduce, restore or turn off VFD brightness.
- 12 FM MUTE:** Activate or deactivate FM MUTE FM STEREO mode.

SLEEP MODE

The Sleep Mode timer will switch the C 426 to standby mode automatically after a preset number of minutes. Toggle TNR 1's [SLEEP] key to select through the following Sleep mode timer settings – SLEEP 30, SLEEP 60, SLEEP 90 and OFF. Stop at the desired Sleep mode timer setting. A corresponding "SLEEP" icon will be illuminated in the VFD.

While at SLEEP time mode, pressing the TNR 1's [SLEEP] button once will display the remaining minutes (i.e. "SLEEP __"; "__" is the number of minutes remaining) before the C 426 goes to standby mode.

To cancel the sleep mode, continue pressing the TNR 1's [SLEEP] button until "OFF" is displayed on the VFD. Switching the C 426 to standby mode from either the TNR 1's [OFF] button or the front panel Standby button will also cancel the sleep mode.

DIMMER

The VFD brightness can be adjusted in three ways. Toggle the [DIMMER] button to reduce or restore VFD brightness or completely turn off the display.