

MXT2000

Remote Controlled
AM/FM RDS Tuner

Owner's Manual

A series of approximately 10-12 thin, parallel lines that originate from the left edge of the page and fan out towards the right, creating a dynamic, sweeping effect across the bottom half of the cover.

MYRYAD

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INTRODUCTION

- 2 The MXT2000 is a full-function remote-controlled AM/FM Tuner. It has fixed-level low-impedance audio outputs to drive a Myryad integrated amplifier or pre-amplifier - or other high quality amplifier. A coaxial antenna socket is provided for a 75Ω FM radio (band 2) antenna, and spring terminal block for an AM loop antenna (supplied). In addition the MXT2000 has a Smart My-Link® control input/output for communication with other Myryad products.

The MXT2000 offers a range of expansion possibilities:

- 6 • The Smart My-Link® input can be connected to a Myryad integrated amplifier or pre-amplifier so that the MXT2000 will automatically be switched on or off when the amplifier is switched on or off.
- 6 • The Smart My-Link® input/output can be coupled to other Myryad products that can then be remote-controlled via the MXT2000's infra-red receiver - or vice-versa.
- 7 • When linked via the Smart My-Link® to a compatible Myryad integrated amplifier or preamplifier a number of extra features become available which make the system as a whole easier and quicker to operate – including using the MXT2000 as an alarm/wake-up timer for the system.
- 7

ACCESSORIES

Your MXT2000 is supplied complete with the following accessories:

- Separate mains power cord to suit country of sale.
- Wire antenna (300Ω) suitable for high signal strength areas.
- Balun (matching adaptor) to allow connection of the 300Ω antenna.
- Balun interface connector where necessary (not all countries).
- AM loop antenna
- Slim System Remote Control handset
- Slim System Remote Control handset Owner's Manual

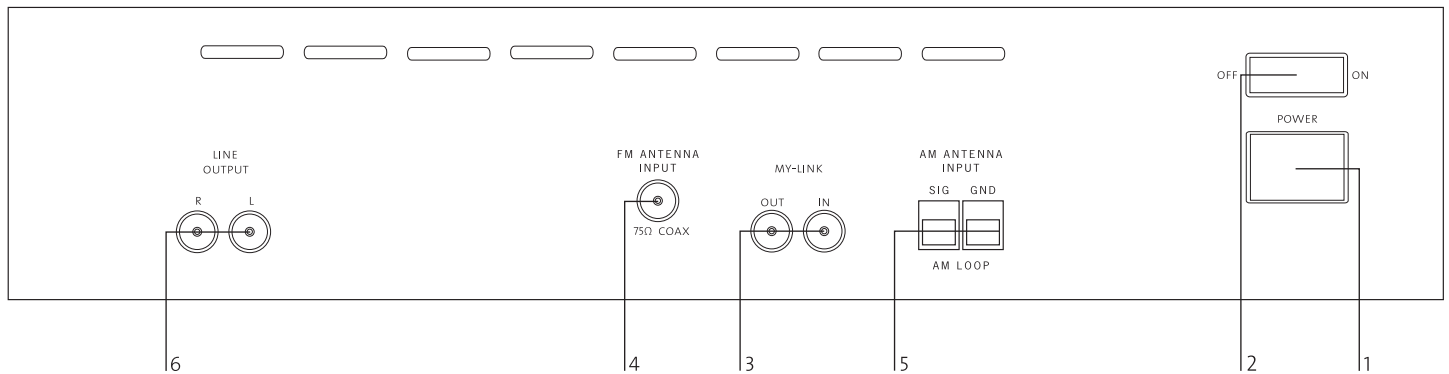
INSTALLATION AND SAFETY NOTES

This Tuner generates very little heat but still requires some ventilation. Do not place it on a rug or other soft surface into which it could sink, obstructing the air inlets in its underside. Do not allow any obstruction to the ventilation slots in the rear panel. The Tuner should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided.

CAUTION: TO PREVENT A FIRE OR SHOCK HAZARD, DO NOT PERMIT THIS PRODUCT TO BECOME WET. IF LIQUID IS ACCIDENTALLY SPILLED ON IT, IMMEDIATELY SHUT OFF ITS POWER AT THE WALL SOCKET AND UNPLUG THE AC POWER CORD. ALLOW SUFFICIENT TIME FOR COMPLETE EVAPORATION TO OCCUR BEFORE OPERATING THE UNIT AGAIN. IF THE LIQUID IS ANYTHING BUT WATER AND/OR ALCOHOL, THE UNIT SHOULD BE EXAMINED BY A QUALIFIED SERVICE TECHNICIAN BEFORE IT IS USED AGAIN.

Do not remove the cover, or attempt to modify or repair the Tuner yourself. Refer all servicing to a qualified technician.

SETTING UP YOUR SYSTEM



REAR PANEL CONNECTIONS

1 Power inlet

Before making any connection, check that the mains voltage setting printed on the rear panel is the same as your local mains supply.

Plug the female (socket) end of the power cord into the power inlet on the rear of the Tuner. Plug the male (plug) end of the cord into a "live" wall socket or a suitable heavy duty extension cable.

UK version: The mains plug is supplied fitted with a 5A fuse. It should only be replaced with a fuse of the same rating (5A) which complies with BS1362.

2 Power switch

Press one side of this rocker switch (the side nearer the edge of the rear panel) to switch the Tuner ON and the other side (towards the antenna socket) to switch it OFF. When the POWER switch is in the OFF position all power is disconnected from the Tuner. In this condition the Tuner cannot be powered up from the front panel or the remote control. When the POWER switch is in the ON position (and the power cord correctly inserted and plugged in to a live wall socket) the Tuner will power up in standby mode (see FRONT PANEL CONTROLS, STANDBY).

It is recommended that the POWER switch is turned OFF if the Tuner is not going to be used for an extended period of time.

3 My-link input/output

When this Tuner is used in a system with other Myryad products (e.g. MX-Series, M-Series, Cameo or Z-Series), all may be joined together via the My-Link. The My-Link is a communications bus that allows all the linked components to operate together as a system and distributes the remote commands received by any one to each of the others. The simplest function provided by the My-Link bus is that all linked units will switch into or out of standby mode when the amplifier's front panel or remote control standby key is pressed.

Use a short RCA-to-RCA (phono-to-phono) interconnect cable to connect from the MY-LINK IN socket on the MXT2000 to the MY-LINK OUT socket on the amplifier. A second cable may then be run from the MY-LINK OUT socket on MXT2000 to the MY-LINK IN socket on a Myryad CD player in "daisy-chain" fashion. Further compatible Myryad products can be linked in the same way, running from the MY-LINK OUT socket on the CD player. Inexpensive interconnects may be used as the My-Link bus carries only control signals, not audio, so these cables have no effect on sound quality.

When other Myryad products equipped with Smart My-Link® (e.g. MX-Series, Cameo or Z-Series) are connected via the My-Link many more powerful system features are available (see page 6).

4 FM Antenna input

The MXT2000 is fitted with a 75Ω "coaxial" antenna socket, which must be used with a 75Ω antenna (aerial). The MXT2000 is supplied with a simple wire 300Ω antenna together with an impedance matching adaptor (see Figure 1). This antenna is provided to ensure that the tuner can be set up and used straight "out of the box". It is not adequate to provide full performance from the Tuner except in areas of particularly high signal strength (e.g. close to the FM transmitter). In most instances a good quality roof or loft mounted FM antenna should be used – see "Antenna" section on page 6.

The MXT2000 has different coaxial antenna sockets to suit different countries. "North American" models are fitted with "F" type coaxial connectors while models for most other countries are fitted with "DIN" style connectors. When using the 300Ω wire antenna the matching adaptor (or balun) must be used and "DIN" versions also need to be fitted with the female-to-female adaptor supplied. See Figure 1 for clarification.

When you unfold the wire antenna you will note that it is in the form of a "T". The "crossbar" portion of the T should be stretched out horizontally and tacked in place, either on a wall or the back of a cabinet, or on the ceiling. The "vertical" section of the T goes to the tuner's antenna input via the balun (see Figure 1). Experiment with the position and

orientation of the antenna to obtain the best reception.

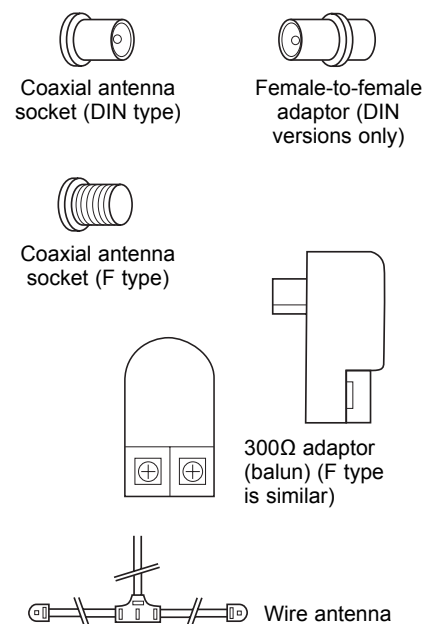
5 AM Antenna input

The MXT2000 is supplied with an AM loop antenna. It should be connected to the two spring-clip terminals, with the black wire connected to the "GND" terminal and the white wire to the "SIG" terminal. To connect each wire, press the appropriate spring clip tab downwards and insert the bare end of the wire into the small hole just above the tab.

The AM loop antenna should be positioned and rotated to obtain the best signal quality. Usually it is best with the antenna as high as possible.

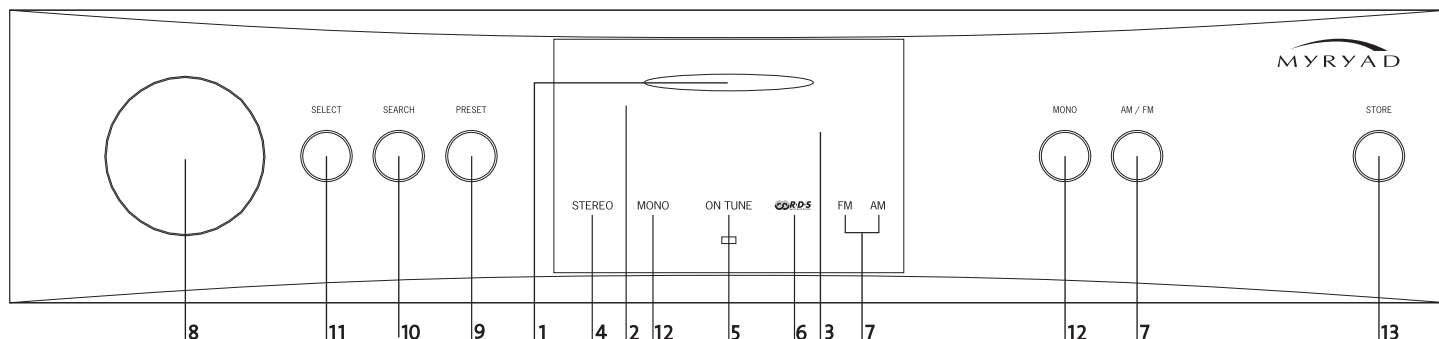
6 Line outputs

These outputs are suited to the "TUNER" or other "Line" inputs (e.g. CD or AUX) of any integrated amplifier or pre-amplifier. Never connect to the amplifier's PHONO inputs.



(Figure 1)
FM Antenna connectors and adaptors

OPERATING YOUR SYSTEM



FRONT PANEL CONTROLS

1 Standby

When the Tuner is plugged into a live wall socket and the POWER switch is turned ON, it will power up in "Standby" mode and the LED (Light Emitting Diode) in the display will glow red and the clock display will read 00.00. In this mode the internal circuitry of the MXT2000 is powered up but disabled, so that it consumes very little power and its audio output is muted by a relay.

When the STANDBY ellipse is touched the MXT2000's circuitry will be activated and, after a few seconds delay, the audio outputs will be enabled. During this delay period the LED in the display will flash blue. When the outputs are de-muted it will glow blue continuously.

When the STANDBY ellipse is touched again the Tuner will be returned to standby mode. The LED in the display will glow red again.

CAUTION: WHEN IN STANDBY MODE THE INTERNAL CIRCUITRY OF THE MXT2000 IS STILL LIVE, SO ALL SAFETY PRECAUTIONS MUST BE FOLLOWED.

2 Infra-red receiver

The infra-red (IR) remote control receiver is mounted behind the window, just above the display. It must not be obscured when the Tuner is to be operated using the remote control handset. Where possible it is best to arrange that the IR receiver is in "line-of-sight" of the remote handset.

3 Display

The operation of the tuner is indicated on a high quality blue Vacuum Fluorescent Display. By default, the display will show the Station Name (except in North America) as soon as this information has been acquired from the RDS signal. If no RDS signal is present, the tuned

frequency will be displayed to the right, together with the Preset Number, MANUAL or SEARCH to indicate the selected tuning mode (see below, sections 9 and 10).

4 Stereo indicator

This indicator is illuminated when an FM stereo broadcast is being received and the tuner is not switched to MONO mode.

5 On tune indicator

This indicator is illuminated when any FM signal, above a very low threshold, is received and is ON TUNE.

6 RDS indicator

This indicator is illuminated if an FM station is being received which carries RDS data. When the station is tuned in it may take a few seconds for the data to be acquired and so illuminate the LED.

7 AM/FM

Press the AM/FM button change between FM and AM bands, or vice versa. Either the FM or AM indicator in the display will be illuminated to show the current band.

8 Tuning knob

The tuning knob is used to set the frequency in MANUAL, PRESET and SEARCH modes. The knob operates with 24 discrete clicks per revolution. The operation of the knob is determined by the mode selected (see below) but in all modes, a clockwise click will perform an incremental operation and an anticlockwise click a decrement.

9 Preset tuning mode

Press the PRESET button to enter "Preset Tuning" mode. The MXT2000 will tune to the frequency of the last used preset station and the display will show the tuned frequency and the preset number (see Figure 2) until new Station Name information is acquired and displayed (not active by default in North America). When the tuning knob is turned one step clockwise the MXT2000 will tune to the preset stored with the next higher number while an anti-clockwise step will move to the next

lower stored preset. The tuner will skip preset positions that have not been programmed, i.e. if station 3 is not programmed, the tuner will skip from station 2 to station 4. If the tuner is stepped beyond the highest number preset stored, it will "wrap-around" and step back to the lowest numbered preset. Up to 75 FM and 48 AM preset stations may be stored.

Preset Mode Display (Figure 2)

PRE 16 102.75

10 Search

Manual tuning mode

Press the SEARCH button to switch from Preset or Search Tuning to Manual Tuning mode (if the unit is already in Manual Tuning mode, it will toggle to Search Tuning, and vice versa). The display will briefly read "MANUAL" plus the frequency (see Figure 3) until the station name is acquired (unless the Station Name feature is switched off, in which case the signal strength will be displayed instead of "MANUAL"). Once set to Manual tune mode, the rotary tuning knob will change the tuned frequency in discrete steps as shown in the table below:

	Europe and other	North America
FM tuning steps	50kHz	50kHz
AM tuning steps	9kHz	10kHz

When the tuning knob is rotated clockwise the tuned frequency will increase by one step at each click, or decrease one step for an anti-clockwise rotation. Correct FM tuning can be obtained either by setting the correct frequency, if it is known, or by tuning until the ON TUNE indicator illuminates – which indicates accurate tuning. In the AM band there will be no programme signal when set one step off tune. Once the station is tuned its frequency may be stored as one of the Presets if desired (see "Store button" operation overleaf).

The signal strength indicator can be displayed in Manual tuning mode in both FM and AM bands, but only when the Station Name function has been switched off in the Control Menu (see

section 11 below). When Station Name is switched off, the left hand side of the display will read the signal strength in the form "MAN SI7" instead of "MANUAL". The signal strength number runs from 1 to 9. 1 indicates a very weak signal, 9 a very strong signal. Normally an indication of 4 or 5 is necessary for useable listening, while a figure of 7 should ensure that lowest noise reception is obtained in FM stereo.

Manual Mode Display (Figure 3)

MANUAL 93.50

Search tuning mode

Press the SEARCH button to switch from Manual to Search Tuning mode (two presses are required if the unit was previously in Preset Tuning mode; the first to switch to Manual Tuning mode, the second to switch to Search). The display will show the tuned frequency, together with "SEARCH" (see Figure 4). When the tuning knob is turned one step clockwise the MXT2000 will commence searching for stations at frequencies higher than the start point. If the knob is rotated anti-clockwise the MXT2000 will search lower frequencies. When the first station of adequate signal strength is detected the MXT2000 will stop searching and the ON TUNE indicator will illuminate (in FM only). Once the station is tuned, its frequency may be stored as one of the Presets if desired (see "Store button" operation overleaf), or the search initiated again by rotating the tuning knob in the required direction.

Search Mode Display (Figure 4)

SEARCH 103.50

Searching may be stopped before a station is found by rotating the tuning knob in the opposite direction to the current search, or by pressing the PRESET, SEARCH or SELECT buttons.

11 Select

The basic tuner functions (tuning and mode controls for example) are all directly available, both from the front panel buttons and the remote control. In order to access all features however, it is necessary to use the menu system.

To enter the menu system, press the SELECT button on the front panel or the 'TITLE' key on the remote control. The display will change to show "CONTROL MENU". Use the navigate ▲ and ▼ keys on the remote control or the rotary knob on the front panel to cycle through the list of features before pressing SELECT (or 'SEL' on remote) again to make your choice.

To exit the menu, either make a selection of one of the options, press SELECT while the display shows "CONTROL MENU" or wait for the menu option to time-out, at which point the display will revert to the previous mode of operation. This will happen about 5 seconds after the last press of the SELECT or ▲ ▼ keys or use of the rotary tuning knob.

NOTE: THE MENU CANNOT BE ACCESSED WHILE THE TUNER IS IN STANDBY OR DURING THE 5 SECOND START-UP PERIOD WHEN SWITCHING THE UNIT OUT OF STANDBY.

The features available via the menu system are:

Station name (STN NAME)

[Applies only to FM stations with RDS.]

Use this feature to display the name of the station currently tuned. Press SELECT on this option and then use the ▲ ▼ keys or the rotary tuning knob to choose Station Name on or off. Then press SELECT again to activate/deactivate the Station Name feature. This feature can be switched off by selecting Control Menu-Stn Name-Off or by turning on Programme Type. (i.e. programme type, programme type search or traffic search).

Programme Type (PRG TYPE)

[Applies only to FM stations with RDS.]

Use this feature to display the programme type of the currently tuned station (e.g. News, Pop/Rock, Drama etc.). Press SELECT on this option and then use the ▲ ▼ keys or the rotary tuning knob to select on or off. Then press SELECT again to activate/deactivate the Programme Type feature. This feature can be switched off by selecting Control Menu-Prg Type-Off or by turning on Station Name. (i.e. station name, programme type search or traffic search).

NOTE: "STATION NAME" AND "PROGRAMME TYPE" ARE NOT DISPLAYED WHILE THE TUNER IS IN SEARCH MODE OR WHILE A PRESET IS BEING PROGRAMMED.

Display Time (DISPLAY TIME)

Use this option to display the current time. The time will be displayed for a short period before the display reverts to its previous mode.

Alarm Set (ALARM SET)

[Requires tuner to be linked to a Myryad Smart My-Link® Preamplifier or Integrated Amplifier.]

Use this feature to set the on and off times of the alarm. Press SELECT to choose this option then use the ▲ ▼ keys or the rotary tuning knob to set the minutes part of the alarm on time (display will show "MN ON XX.YY" where XX is the hours and YY is the minutes). Press SELECT to confirm that the minutes are correct then use the ▲ ▼ keys or the rotary tuning knob again to set the hours (display will show "HR ON XX.YY"). Then press SELECT to confirm the hours. The alarm off time may then be set using the same procedure. When the Alarm off time has been set, use the ▲ ▼ keys or the rotary tuning knob to choose between using the tuner or CD player as the source when the alarm is activated. If you choose tuner, it will switch to the last tuned frequency when the alarm-on time is reached. If you choose CD player, ensure that a disc is in the CD player as this will be played when the alarm-on time is reached (providing the linked CD player is also Smart

MY-LINK enabled).

Once set, for example as a wake-up alarm, the system should be switched into standby. When the alarm-on time is reached, the amplifier and the tuner/CD player will be switched out of standby and the chosen programme will be heard. Please ensure that the amplifier volume is appropriately set. When the alarm off time is reached, the amplifier and tuner/CD player will be switched back into standby.

Alarm On/Off (ALARM ON/OFF)

[Requires tuner to be linked to a Myryad Smart My-Link® Preamplifier or Integrated Amplifier.]

Use this option to enable/disable the alarm. When the alarm setting option (above) is used, the alarm is automatically set to ON. To disable (or enable) the alarm, select this option, press the SELECT button, use the ▲ ▼ keys or the rotary tuning knob to select the preferred option and then press SELECT. This procedure allows the alarm to be turned on or off without having to reset the alarm times.

Clock Set (CLOCK SET)

Use this option to set the clock. The procedure is exactly the same as for setting the Alarm time - using the SELECT and ▲ ▼ keys or the rotary tuning knob. If you tune to an RDS station which broadcasts a time code, the tuner will set the time precisely using the RDS data.

Memory Clear (MEMORY CLR)

Use this feature to clear unwanted preset stations from the memory. Press SELECT to choose memory clear then use the ▲ ▼ keys or the rotary tuning knob to cycle through the three available options:

- CLEAR ONE - clears the currently selected preset
- CLEAR ALL - clears all preset information from the memory
- FACTORY dFLT - returns the unit to the default factory settings. This option includes clearing all preset information from the memory.

When the desired option has been selected, press SELECT again to execute the chosen Memory Clear operation.

12 Mono button

[Applies to FM mode only.]

When the MONO button is pressed the tuner is locked into MONO reception mode and the STEREO indicator will not illuminate, whether the tuned station is transmitting in stereo or mono. The "MONO" indicator in the display will illuminate to indicate this mode. If noisy reception is experienced in stereo mode, pressing the MONO button will usually result in a dramatic improvement in sound quality. Switching the tuner to MONO mode also disables the inter-station muting, so allowing very weak stations to be received. When a station is stored as a preset (see previous page) the MONO status is also stored, and will therefore be recalled whenever that preset is accessed.

13 Store button

The STORE button is used when storing the preset station frequencies. The procedure is as follows:

1. Tune to the desired station using either MANUAL or SEARCH tuning mode, and set to MONO if required.
2. Press the STORE button to enter STORE mode. The tuner will automatically change to Preset mode at the last used preset number.
3. If the station is to be stored at a different preset number, rotate the tuning knob clockwise or anti-clockwise until the desired preset number is reached, otherwise move directly to step 4.
4. Press the STORE button again to store the frequency at the preset number displayed. The tuner will then automatically return to the previous tuning mode ready to tune the next station.
5. STORE mode can be exited by pressing either PRESET or SEARCH buttons. The preset station data is stored in a permanent memory and is retained when the tuner is in standby mode, or switched off at the rear panel.

REMOTE CONTROL HANDSET OPERATION

The handset supplied with the MXT2000 has been ergonomically designed to be easy and comfortable to use. It will also control Myryad's Integrated Amplifiers, Preamplifiers, Tuners and DVD Players.

See the separate Slim System Remote Owner's manual for details of its use with these products.

The functions available in 'Tuner mode' are described in the following section. Press 'TUN' input select button at the bottom of the handset to switch it to 'Tuner/Amplifier' mode. It will remain in this mode until either the DVD or CD key is pressed to change to DVD/Amp or CD/Amp mode respectively.

Preset, manual and search (PST, MAN & SCH)

Mode keys operate exactly as per the options available through the same buttons on the front panel.

Mono

The MONO key operates exactly as the MXT2000 front panel button.

Store (STO)

The STORE key operates exactly as the MXT2000 front panel button.

Tune up and tune down ⬆ ⬇ ⬆

These keys operate in a similar way to the rotary tuning knob. A single brief key press will have the same effect as one click step of the knob, moving either up or down in

frequency or preset number. In Manual and Preset modes, when a key is pressed and held down the tuner will scan in the desired direction.

Keypad 0-9

These keys allow direct access to any preset station. If a preset numbered 10 to 99 is desired, (e.g. 14) press "1", followed by "4". If a single digit, such as "1", is pressed without a second digit, the tuner will go to preset 1 after a few seconds. If a preset number is entered which is not already programmed the tuner will remain on the current preset station.

Dim

The Vacuum Fluorescent Display may be switched off using the DIM key. The first press of the DIM key will switch the display off. A second press will turn the display on again. The display will come on briefly if any controls are used while the display is off.

Title

Press the TITLE key to enter the Control menu (same as the front panel SELECT button).



Use these keys to navigate the Control menu.

Select

Press the SEL key to select an item from the Control menu (same as the front panel SELECT button).

Standby

Pressing the STANDBY key sends the command to switch your Myryad Integrated Amplifier or Preamplifier into or out of STANDBY mode. If your MXT2000 is linked to the Integrated or Preamp via the My-Link then the MXT2000 will also be switched into or out of STANDBY. It is also possible to switch only the MXT2000 into or out of STANDBY using the "Tuner Standby" command. This is achieved by pressing and holding down the TUNER button and then simultaneously pressing the STANDBY button. This will switch the STANDBY status of the MXT2000 without affecting any other unit.

SYSTEM OPERATION WITH SMART MY- LINK®

When used as a linked system (which must include a Smart My-Link® equipped Integrated Amplifier or Preamplifier) Myryad products equipped with Smart My-Link® have a number of extra features that make the system as a whole easier and quicker to use than a normal hi-fi. Note: wherever "CD player" is referred to below, the function will operate in the same way with a Myryad Smart My-Link® DVD player.

Start-on-Play (CD/DVD)

Press play on the CD player (or the remote

control) and the CD player and amplifier will switch out of standby (if necessary) and play the CD. The amplifier will automatically select the CD source.

Start-on-Open (CD/DVD)

With the units in standby, press open/close on the CD player and the CD player and amplifier will switch out of standby and the CD drawer will open. The amplifier will automatically select the CD source.

Intelligent Input Selection (Amplifier)

Press a source select button on the remote control and (if in standby) the system will awaken only the amplifier and the selected source.

Mute/Pause Control (Amplifier)

When using the CD player, selecting mute from the remote control will mute the amplifier and pause the CD. When the amplifier mute is cancelled, the CD will continue playing.

Power-Saving Mode (Amplifier)

The amplifier will switch the CD Player or Tuner into standby if either source remains unused for more than ten minutes.

Automatic Switch-On (CD/DVD/Tuner)

If the standby button on the tuner or CD player is pressed, the amplifier will also awaken and select the correct source.

FM ANTENNA

The wire antenna supplied with the MXT2000 may provide adequate reception of strong FM signals. However, such an antenna is not very efficient at rejecting "multipath" and other forms of FM interference. Nor can it easily be rotated to optimize its pick-up pattern for best reception of stations from different directions. In most cases you will greatly improve reception by using a better antenna.

The best choice is a directional FM-only antenna, mounted as high above ground as is practical. The antenna should be mounted externally for best reception, but loft mounting is a simpler alternative which is satisfactory in many locations when adequate loft space is available. The type of antenna necessary will depend upon both your distance from the transmitter and the local geography (e.g. intervening hills or large buildings).

It is also most important to pay attention to the quality of the coaxial cable used for the download from the antenna to your tuner. Avoid joins along the length of the cable and ensure that the exposed end at the antenna is properly weatherproofed against ingress of moisture. All cables lose some signal along their length and it is false economy to use cheap cable of unknown quality. Always specify the best "low loss" coaxial cable.

The above notes are for guidance only. It will usually be best to consult a local

specialist aerial/antenna contractor who will have knowledge of local reception conditions. Your Myryad dealer may also be able to offer advice.

TROUBLE-SHOOTING GUIDE

Some of the most common problems:

No sound:

- Power turned off or system in standby mode. Check that the blue LED in the display is illuminated.
- UK version only: The fuse in the mains plug has failed. Check and replace if necessary.

Sound in one channel only:

- Interconnect cable pulled loose or making poor contact. Check and, if necessary, unplug and re-plug all cables.

Loud buzz or hum:

- Interconnect cable pulled partially out of its socket.
- Defective interconnect cable.

Hiss that gets worse with stereo reception

- Antenna connector loose. Un-plug and re-plug connector and check cable.
- Weak antenna signal. Move wire antenna to optimize reception. If not adequate, install a loft or external antenna.
- If all else fails, switch to MONO reception.

Stereo indicator fails to light during a stereo broadcast

- Another possible effect of a very weak signal. Attend to the antenna system as described above.

Distorted reception

- "Multipath" reception. Rotate antenna to find the orientation that provides the best reception. Raise the height of the antenna. If all else fails, switch to MONO reception.

For further help please visit:
www.myryad.co.uk/faqs.html

SPECIFICATIONS

Technical data

FM band

Tuning range	87.5 to 108MHz
Usable sensitivity (IHF, mono).....	1.5µV
Signal/Noise ratio (60dBµV)	80dB (Mono) 74dB (Stereo)
THD (1kHz).....	0.1% (Mono) 0.2% (Stereo)
Frequency response (20Hz – 15kHz)	± 0.5dB
Stereo separation (1kHz)	45dB
Presets available.....	99 FM, 48 AM

AM band

Tuning range	522 to 1620kHz
Signal/Noise ratio	48dB
THD (1kHz).....	0.3%
Dimensions (width x height x depth)	436 x 95 x 303mm
Weight, Net	7.0kg
Supply Voltage (set by internal wiring)	120V or 230V

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