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## TOSHIBA TY-ANX2

# TOSHIBA TY-ANX2 CD Radio Instruction Manual

Model: TY-ANX2

## 1. PRODUCT OVERVIEW

The TOSHIBA TY-ANX2 is a versatile CD radio system designed for high-quality audio playback and recording. It features CD, SD card, and USB memory playback, along with AM/FM radio reception. Advanced functionalities include Bluetooth send and receive capabilities, multiple sound modes, language learning features, and a sleep timer. Its compact design incorporates high-quality neodymium speakers for clear sound.



Figure 1: Front view of the TOSHIBA TY-ANX2 CD Radio.

## 2. SETUP

### 2.1 Power Connection

- **AC Power:** Connect the supplied AC power cord to the unit's AC IN jack and then to a standard wall outlet (AC100V 50/60Hz).
- **Battery Power:** For portable use, insert 6 'C' size batteries (sold separately) into the battery compartment located on the bottom of the unit. Ensure correct polarity.

## 2.2 Antenna Setup

- **FM Antenna:** Extend the telescopic FM antenna fully for optimal FM reception. Adjust its direction for the best signal.
- **AM Antenna:** The unit has a built-in ferrite bar antenna for AM reception. Rotate the unit itself to improve AM reception.

## 3. OPERATING INSTRUCTIONS

### 3.1 CD Player Operation

1. Press the **CD** button to select CD mode.
2. Open the CD compartment cover and place a CD (CD-DA, MP3, WMA) with the label side up. Close the cover.
3. Press the **PLAY/PAUSE** button to start playback.
4. Use the **SKIP** buttons (◀◀ / ▶▶) to navigate tracks.
5. Press the **STOP** button to stop playback.

### 3.2 SD Card / USB Memory Playback and Recording

1. Insert an SD card (32MB-32GB) into the SD card slot or a USB memory stick (32MB-32GB) into the USB port.
2. Press the **SD** or **USB** button to select the desired mode.
3. The unit will automatically detect and play MP3/WMA files.
4. **Recording from Radio:** In Radio mode, press the **RECORD** button to start recording the current radio broadcast to the inserted SD card or USB memory. Press **STOP** to end recording.



Figure 2: SD card and USB memory slots for playback and recording.

### 3.3 Radio Operation (AM/FM/Wide FM)

1. Press the **RADIO** button to select radio mode. Press again to cycle between FM and AM bands.
2. Use the **TUNING** buttons to manually tune to a station or press and hold to auto-scan.
3. **Preset Stations:** To store a station, tune to the desired frequency, then press and hold a preset number button (1-5) until the display flashes. To recall, simply press the preset number button.
4. **Wide FM:** The unit supports Wide FM (76.0-108.0MHz), allowing reception of FM broadcasts that extend beyond the traditional FM band.
5. **Timer Recording:** Set a timer to automatically record a radio program to SD or USB. Refer to the detailed timer settings in the full manual.



Figure 3: Wide FM provides clear stereo sound and improved reception in urban areas.

### 3.4 Bluetooth Functionality (Send/Receive)

#### 1. Receiving Audio (from smartphone):

- Press the **Bluetooth** button on the unit.
- On your smartphone or other Bluetooth device, search for 'TY-ANX2' and pair.
- Once connected, audio from your device will play through the TY-ANX2 speakers.

#### 2. Transmitting Audio (to Bluetooth headphones/speakers):

- Select the desired audio source (CD, SD, USB, Radio) on the TY-ANX2.
- Press and hold the **Bluetooth** button until the Bluetooth indicator flashes rapidly.
- Put your Bluetooth headphones or speaker into pairing mode.
- The TY-ANX2 will automatically connect to the nearest discoverable Bluetooth audio device. Audio from the TY-ANX2 will then be transmitted to your external Bluetooth device.

## さまざまな使用シーンで便利 Bluetooth®送受信機能を搭載

スピーカー性能を大きく左右する磁石に、フェライト磁石の10倍以上の磁力を持つネオジウム磁石を採用。高能率化とともに、入力信号に対するスピーカーのレスポンスが向上。従来のフェライトスピーカーに比べて入力への反応が早く、透明感のある音質となり、原音の再現性が向上。

縦型スリムでコンパクトな外観ながらも、臨場感のある高音質を楽しめる。

ネオジウムスピーカーは、低音・高音域で約10dB、中音域でも約3dB優れている

周波数 (Hz)	フェライトスピーカー (従来) (dB)	ネオジウムスピーカー (dB)
20	45	55
100	60	70
200	70	80
1,000	85	95
2,000	80	90
10,000	85	95
20,000	70	85

Figure 4: Bluetooth functionality allows both receiving audio from a smartphone and transmitting audio to external Bluetooth devices.

### 3.5 Sound Modes

The TY-ANX2 offers four sound modes to optimize your listening experience:

- **FLAT:** Provides a neutral sound profile, ideal for news or language learning.
- **ROCK:** Enhances bass and treble for a dynamic rock music experience.
- **JAZZ:** Offers a warmer, smoother sound, suitable for jazz music.
- **CLASSIC:** Delivers a balanced sound with emphasis on orchestral clarity.

Press the **SOUND MODE** button to cycle through these options.

# Bluetooth®送受信機能



スマートフォンの音源を本製品で聴く受信機能だけでなく、本製品で再生した音をお手持ちのBluetooth®イヤホン・スピーカーへ送信して聴くこともできる。

Bluetooth®送信機能は、ラジオ放送を聴くときにも使えるので、電波の届きにくい室内でAMラジオを聴く場合、受信レベルの良い窓際等にラジオ本体を置いてBluetooth®スピーカーへ送信すれば、室内の好きな場所で雑音の少ないクリアな音のラジオ放送を聴くことができる。

Figure 5: The sound mode button allows easy switching between FLAT, ROCK, JAZZ, and CLASSIC presets.

## 3.6 Language Learning Functions

The unit includes features beneficial for language study:

- **A-B Repeat:** Allows you to repeatedly play a specific section of audio.
- **Speed Control:** Adjust playback speed in 11 levels, useful for practicing pronunciation or understanding fast speech.

## 3.7 Sleep Timer

The sleep timer automatically turns off the unit after a set period. Press the **SLEEP** button repeatedly to cycle through available timer settings (e.g., 15, 30, 60, 90 minutes, OFF).

## 4. MAINTENANCE

### 4.1 Cleaning the Unit

- Wipe the exterior of the unit with a soft, dry cloth.
- For stubborn dirt, use a cloth lightly dampened with a mild detergent solution, then wipe dry.
- Do not use abrasive cleaners, benzene, or alcohol, as these can damage the surface.

### 4.2 CD Lens Care

- If the CD lens becomes dirty, use a commercially available CD lens cleaner.
- Avoid touching the lens directly with your fingers.

## 5. TROUBLESHOOTING

If you experience issues with your TY-ANX2, please refer to the following common problems and solutions before contacting customer support.

Problem	Possible Cause	Solution
No power	Power cord not connected; Batteries depleted or incorrectly inserted.	Check AC cord connection; Replace batteries or ensure correct polarity.
No sound	Volume too low; Headphones connected; Incorrect source selected.	Increase volume; Disconnect headphones; Select correct source (CD, Radio, etc.).
CD not playing	CD inserted incorrectly; CD is dirty or scratched; Unsupported disc format.	Insert CD with label side up; Clean or replace CD; Ensure disc is CD-DA, MP3, or WMA.
Poor radio reception	Antenna not extended/adjusted; Interference.	Extend and adjust FM antenna; Rotate unit for AM; Move away from electronic devices.
Bluetooth pairing fails	Device not in pairing mode; Out of range; Already connected to another device.	Ensure both devices are in pairing mode; Move devices closer; Disconnect from other devices.

## 6. SPECIFICATIONS

Feature	Specification
CD Player	2-channel stereo; Sampling frequency: 44.1kHz; Media: CD, CD-R/RW (CD-DA/MP3/WMA audio files)
SD Card Section	Playback format: MP3 (~192kbps)/WMA; Compatible memory: 32MB-32GB SD, SDHC card (sold separately); Playable SD cards: SDA compliant
USB Memory Section	Playback format: MP3 (~192kbps)/WMA; Compatible memory: USB memory (sold separately) (32MB-32GB); Playable USB memory: USB-IF compliant (USB1.1, USB2.0)
Radio Section	Reception frequency: FM: 76.0-108.0MHz (0.1MHz step); AM: 531-1,710kHz (9kHz step)
Bluetooth® Section	Version: 4.2; Supported profiles: A2DP, AVRCP; Line-of-sight communication range: Approx. 10m
Power Source	AC100V 50/60Hz; 6 x 'C' size dry cell batteries (sold separately)
Battery Life (CD Playback)	Approx. 3 hours (using Toshiba alkaline batteries IMPULSE LR6H)
Speakers	φ5cm cone type x 2
Practical Maximum Output	2.2W + 2.2W (during Bluetooth® playback); 2.0W + 2.0W (during CD/USB/SD/LINE playback)
Input/Output Terminals	External input: φ3.5mm stereo mini jack; Headphone output: φ3.5mm stereo mini jack; SD card slot: SD standard compliant; USB memory slot: USB1.1, USB2.0, DC5V 0.5A

Feature	Specification
Power Consumption	18W
Maximum External Dimensions	310 (W) x 151 (H) x 69 (D) mm (excluding protrusions)
Weight	Approx. 1.4kg (excluding dry cell batteries and accessories)
Included Accessories	Power cord, Remote control (with lithium battery), Instruction manual (with warranty), List of reception frequencies

## 7. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included in the packaging for details on coverage, terms, and conditions. For technical support, service, or inquiries not covered in this manual, please contact TOSHIBA customer service. Contact information can typically be found on the manufacturer's official website or on the warranty card.