

Zusatzinformation

Additional Information



Deutsch CD/MP3-Player des Modells TXA-1022CD

Das Modell TXA-1022CD wird in zwei unterschiedlichen Versionen geliefert:

- mit dem CD/MP3-Player, der in der Bedienungsanleitung beschrieben ist
- mit dem CD/MP3-Player, der in diesem Beiheft beschrieben ist

Für die Bedienung des Players beziehen Sie sich bitte, je nach Modellversion, entweder auf die Bedienungsanleitung oder auf dieses Beiheft.

Français Lecteur CD/MP3 du modèle TXA-1022CD

Le modèle TXA-1022CD est livré en deux versions différentes :

- avec le lecteur CD/MP3, décrit dans la notice d'utilisation
- avec le lecteur CD/MP3, décrit dans le présent livret

Pour utiliser le lecteur, merci de vous reporter, selon la version du modèle soit à la notice d'utilisation, soit à ce livret.

Nederlands CD/MP3-speler van het model TXA-1022CD

Het model TXA-1022CD wordt geleverd in twee verschillende uitvoeringen:

- met de CD/MP3-speler die in de bedieningshandleiding staat beschreven
- met de CD/MP3-speler die in deze aanvulling staat beschreven

Om de speler te bedienen, raadpleegt u naargelang van de modelversie de bedieningshandleiding of deze aanvulling.

Polski Odtwarzacz CD/MP3 modelu TXA-1022CD

Urządzenie TXA-1022CD dostępne jest w dwóch wersjach:

- z odtwarzaczem CD/MP3 opisanym w instrukcji obsługi
- z odtwarzaczem CD/MP3 opisanym w niniejszym suplemencie

W celu zapoznania się ze sposobem obsługi posiadanego odtwarzacza, proszę zapoznać się z instrukcją obsługi lub z suplementem.

English CD/MP3 Player of Model TXA-1022CD

Two different versions of the model TXA-1022CD are provided:

- with the CD/MP3 player as described in the operating instructions
- with the CD/MP3 player as described in this supplement

For player operation, please refer, depending on the model version, to the operating instructions or this supplement.

Italiano Lettore CD/MP3 del modello TXA-1022CD

Il modello TXA-1022CD è disponibile in due varianti differenti:

- con il lettore CD/MP3, descritto nelle istruzioni
- con il lettore CD/MP3, descritto nel presente supplemento

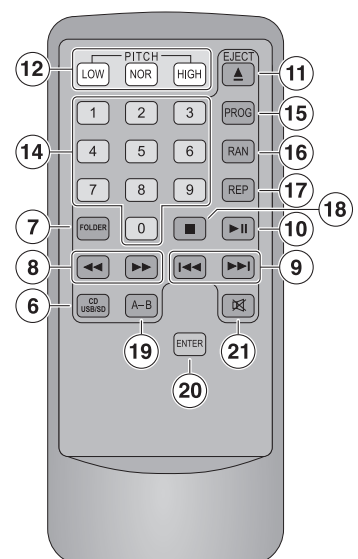
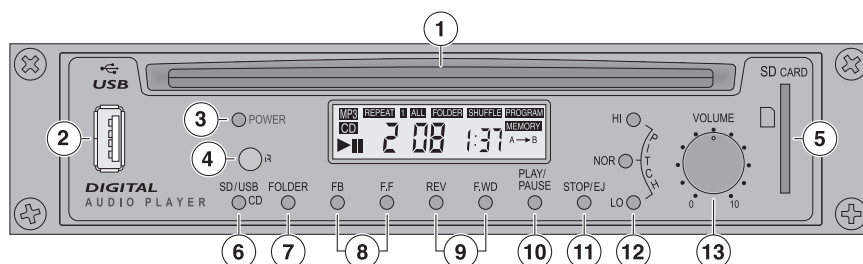
Per l'uso del lettore seguire, a seconda della versione del modello, le istruzioni oppure questo supplemento.

Español Lector CD/MP3 para el Modelo TXA-1022CD

Hay dos versiones diferentes del modelo TXA-1022CD:

- con el lector CD/MP3 como se describe en las instrucciones de funcionamiento
- con el lector CD/MP3 como se describe en este suplemento

Para el funcionamiento del lector, ver, según la versión del modelo, las instrucciones de funcionamiento o este suplemento.



CD/MP3 Player with Remote Control

The player allows to replay standard audio CDs and CDs, USB mass storage devices and SD cards with MP3 files.

Note: With rewritable CDs (CD-RW), problems may occur when replaying according to the CD type, the CD burner and the burning programme used.

The anti-shock memory of the player will be able to compensate temporary shocks or vibrations occurring during the CD sampling; however, it will not be able to compensate continuous, severe vibrations. For CD operation, the system must therefore always be operated in a stationary way, i.e. it must be placed on a solid, immobile ground.

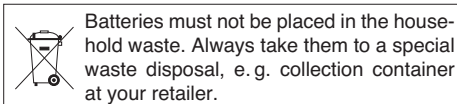
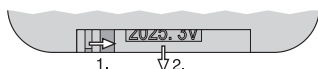
Note concerning sound interruptions and reading errors

Cigarette smoke and dust will easily penetrate through all openings of the unit and also settle on the optics of the laser sampling system. If this deposit causes reading errors and sound interruptions, the unit must be cleaned by skilled personnel. Please note that there will be a charge on cleaning, even during the warranty period!

The IR remote control for the player is supplied with a battery. Prior to initial operation, remove the foil from the battery holder. When pressing a button, always direct the remote control to the infrared sensor (4) of the player. There must be no obstacles between the sensor and the remote control.

If the remote control is not used for a longer time, remove the battery as a precaution so that the remote control will not be damaged in case the battery should leak.

Replacing the battery: Push the latch of the battery holder to the right (first arrow in the figure below) and remove the holder (second arrow). Remove the old battery and insert the new battery (3V button cell, type CR2025) into the holder with the positive pole pointing upwards. Push the holder back into the remote control.



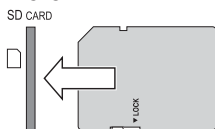
Batteries must not be placed in the household waste. Always take them to a special waste disposal, e.g. collection container at your retailer.

1 Switching on and off/ inserting and removing the playing medium

The player is switched on and off with the POWER button (3).

Inserting a playing medium:

- Insert a CD with the lettering showing upwards into the CD slot (1) until it is retracted automatically and/or
- connect a USB storage device (e.g. USB flash drive, USB hard disk with separate power supply) to the USB port (2) and/or
- insert an SD card (bevelled corner upward and contacts to the right) into the slot (5) until it will engage.



Removing a playing medium:

To eject the CD, press the eject button STOP/EJ or EJECT ▲ (11) twice (first time: switching to stop, second time: CD is ejected). After ejecting, the CD can be retracted again by pressing the eject button.

Disconnect the USB storage device from the USB port and to remove the SD card, first unlock it by pushing it into the slot, then remove it. USB storage device and SD card should not be removed during their replay.

2 Selecting the playing medium

Each time the speaker system is set into operation, the CD player mechanism is automatically selected. It is possible to select the playing media with the button CD/USB/SD (6): After pressing the button, the selected medium is shown on the display (CD, USB or SD). Shortly after that its replay will start.

If a USB storage device or an SD card has been selected and is then removed, the player automatically switches over to the CD player mechanism. The same happens when a new CD is retracted.

3 Replay/pause/stop

After reading in the playing medium, the replay starts (insertion ►). To interrupt the replay (insertion II) and to continue it again, press the button PLAY/PAUSE or ►II (10). The display shows the time already played of the track (min.: sec.).

To stop the replay, the following buttons may be pressed:

- Button ■ (18)
- Button STOP/EJ or EJECT ▲ (11)

In the stop mode the display is switched to the time indication "00 : 00". To restart the replay with the first track, press the button PLAY/PAUSE or ►II.

4 Adjusting the volume/muting

Adjust the volume with the control VOLUME (13).

To deactivate and reactivate the sound, press the button M (21).

5 Track selection

Audio CDs

For audio CDs (insertion "CD") the display shows the track number during replay and pause and the total number of all tracks in the stop mode.

1. Next or previous track:
Use the buttons REV/F.WD or ◀◀/▶▶I (9) [REV/I◀◀ = return to the track beginning first, each time the button is pressed the player goes back another track, F.WD/▶▶I = one track forward].
2. Entering track number:
Enter the track number via the numerical keys (14) and confirm with the button ENTER (20).

MP3 playing media

For playing media with MP3 files (insertion "MP3") the display shows the folder number and the track number within the folder during replay and pause. Tracks without folder in the main directory are assigned to folder No. 1. In the stop mode the total number of the folders and the total number of the tracks of the playing medium are shown.

1. Next or previous track:
Each time the button FOLDER (7) is pressed, the player goes to the next folder. For track selection use the buttons REV/F.WD or ◀◀/▶▶I (9) [REV/I◀◀ = return to the track beginning first, each time the button is pressed, the player goes back another track F.WD/▶▶I = one track forward].
2. Entering the track number:
Via the numerical keys (14) enter the number of the track on the playing medium (not the number within the folder!) and confirm with the button ENTER (20).

Note: In some cases the player will not go to the track beginning first when the return button is pressed, it will immediately go to the previous track (e.g. in case of CD operation in the pause mode).

6 Fast forward and reverse

For fast forward and reverse use the buttons FB/F.F or ◀◀/▶▶ (8): FB or ◀◀ = reverse, F.F or ▶▶ = forward. Press the respective button shortly. If the desired spot is reached, press the button PLAY/PAUSE or ►II (10) for replay.

7 Changing the replay speed and pitch

The PITCH buttons (12) allow to change the replay speed and thus the pitch.

button HI or HIGH:

to increase the replay speed in 10 steps

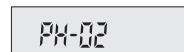
button LO or LOW:

to decrease the replay speed in 10 steps

Press the corresponding button repeatedly until the desired speed is reached. Each time the button is pressed, the display shortly shows the selected adjustment, e.g.



when the standard speed has been increased by 5 steps



when the standard speed has been decreased by 2 steps

To return to standard speed, press the button NOR once.

8 Repeat functions/random track sequence

Three repeat functions are available for selection. The selected function is shown on the display. Use the button REP (17) to select:

- "REPEAT 1": continuous repeat of the track
- "REPEAT FOLDER" (for MP3 mode only): continuous repeat of all tracks in the folder
- "REPEAT ALL": continuous repeat of all tracks on the playing medium
- No REPEAT insertion: no repeat function activated; after playing all tracks, the player is set to stop

To replay the tracks in a random order, press the button RAN (16). "SHUFFLE" is inserted on the display. To switch off the shuffle function, press the button again.

An activated repeat function will be deactivated when the shuffle function is activated and vice versa.

9 Playing a loop

A section within a track can be continuously repeated as a loop.

- 1) If the starting point of the section is reached in the track currently playing, press the button A-B (19). The display shows "A →".
- 2) If the end point of the section to be repeated is reached, press the button again. The display shows "A → B". The section is repeated permanently.
- 3) To end the loop, press the button a third time. "A → B" will be extinguished.

10 Programming a track sequence

- 1) To switch to the programming mode, press the button PROG (15). "PROGRAM" is inserted on the display.

- 2) Select the first track of the track sequence: either
 - go to the track with the buttons REV/F.WD or ◀◀/▶▶I (9); for MP3 operation first select the folder with the button FOLDER (7), if required or
 - enter the track number directly via the numerical keys (14) [for MP3 operation: the number of the track on the playing medium, not in the folder!]

and press the button ENTER (20) to confirm. The display shows the memory location number instead of the time indication.

For all further tracks proceed the same way until the complete track sequence (10 tracks max.) has been programmed.

- 3) To start the track sequence, press the button PLAY/PAUSE or ►II (10), "PROGRAM" will be extinguished and "MEMORY" will be inserted. To return to replay in standard order, press the button PROG: "MEMORY" will be extinguished and the programming will be deleted.
- 4) If no repeat function is activated ("REPEAT 1" and "REPEAT ALL" are available), the player is set to stop after playing the track sequence, thus the track sequence is deleted.

Transportables High-Power-Verstärkersystem Portable High-Power Amplifier System



TXA-1020

Bestellnummer 17.4590

TXA-1020USB

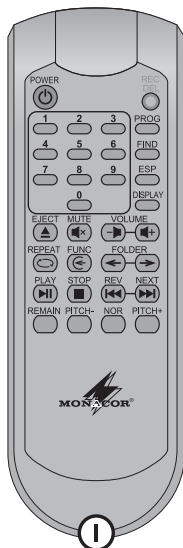
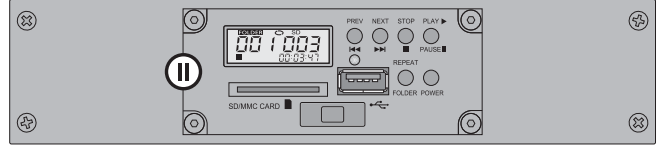
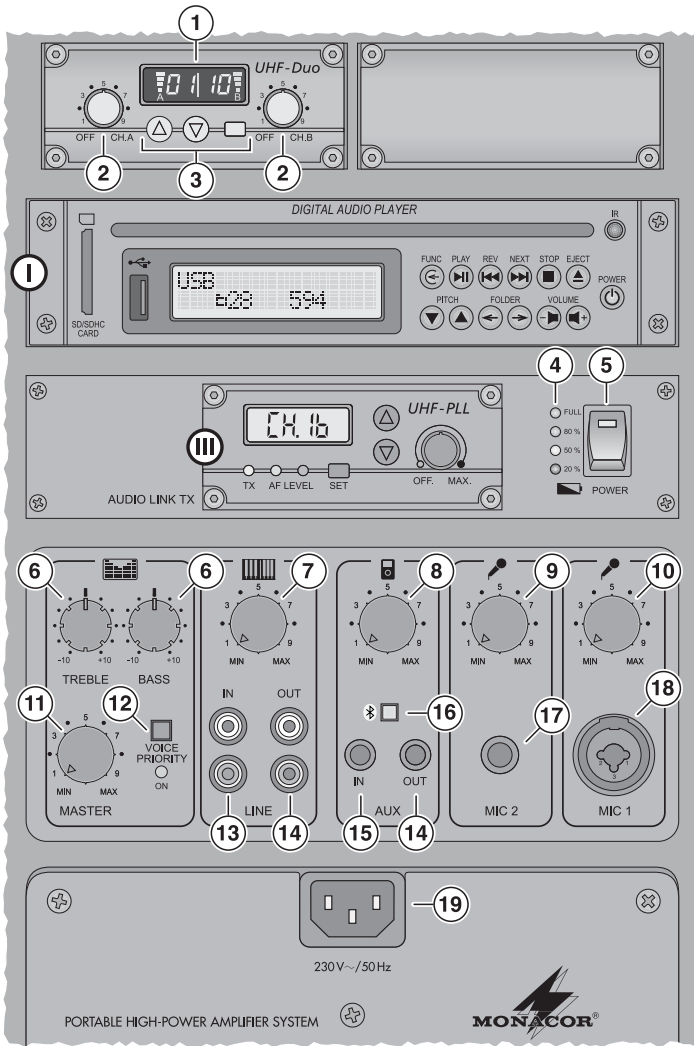
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TXA-1022CD

Bestellnummer 17.4610



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INSTRUCTION MANUAL
MODE D'EMPLOI
ISTRUZIONI PER L'USO
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
INSTRUKCJA OBSŁUGI
SIKKERHEDSOPLYSNINGER
SÄKERHETSFÖRESKRIFTER
TURVALLISUUDESTA




Ⓛ	Ⓜ	TXA-1022CD
Ⓜ		TXA-1020USB

Portable High-Power Amplifier System

These operating instructions are intended for users of the amplifier system (e. g. DJs, speakers at public and private events) and do not require any specific technical knowledge. Please read these operating instructions carefully prior to operating the unit and keep them for later reference. All operating elements and connections described can be found on the fold-out page 3.

1 Operating Elements and Connections

- 1 Display of the 2-channel receiving module, indicates the transmission channel and, by means of a segment bar, the strength of the radio signal received (left: receiving unit A, right: receiving unit B)
- 2 Power switch and volume control, for receiving unit A and receiving unit B of the 2-channel receiving module
- 3 Buttons to set the 2-channel receiving module:  chapter 7.1
- 4 Status indicators for the rechargeable batteries

When operated with rechargeable batteries:


The respective LED indicates the charging state of the batteries. When

the LED “20 %” starts flashing, recharge the batteries as soon as possible.

When connected to the mains:

The LEDs light up continuously one after the other while the batteries are being recharged. When the batteries have been completely recharged, the LED “FULL” will light up.

- 5 POWER switch of the unit, will light up during operation
- 6 Tone controls: TREBLE for high frequencies and BASS for low frequencies
- 7 Volume control for the input signal of the jacks LINE IN (13)
- 8 Volume control for the input signal of the jack AUX IN (15) and for the integrated Bluetooth receiver
- 9 Volume control for the input signal of jack MIC 2 (17)
- 10 Volume control for the input signal of jack MIC 1 (18)
- 11 Control MASTER for the overall volume
- 12 Button VOICE PRIORITY with LED indicator for the microphone priority function: When the button is pressed (LED illuminated), the volume of the other audio sources will be substantially reduced during microphone announcements.


- 13 Input LINE IN (RCA jacks) to connect an audio source with line signal level, e. g. CD/MP3 player
- 14 Outputs LINE OUT (RCA jacks) and AUX OUT (3.5 mm jack) to feed the mixed signal of the audio sources used to another active speaker system or to a recorder, for example
Note: The tone controls (6) and the control MASTER (11) will not have any effect on the output signals at these jacks.
- 15 Input AUX IN (3.5 mm jack) to connect an audio source with line signal level, e. g. CD/MP3 player
- 16 Button to switch the Bluetooth receiver on (keep pressed for a longer period of time) or off (press briefly) ( chapter 7.2)
Button flashes:
no connection to the Bluetooth audio source
Button continuously illuminated:
connection to Bluetooth audio source established
- 17 Input MIC 2 (6.3 mm jack) to connect a microphone
- 18 Input MIC 1 (combined 6.3 mm jack/XLR jack) to connect a microphone
- 19 Mains jack for connection to a mains socket (230 V~/50 Hz) via the mains cable provided

CD/MP3 Player with Remote Control

(for the model TXA-1022CD only)

With the **player**, standard audio CDs (including CD-Rs and CD-RWs¹) can be replayed. CDA (“Compact Disc Audio”) will appear on the display as an indication.

MP3 files² from CDs, USB storage media and SD/SDHC memory cards can also be replayed. For sound carriers with MP3 files, MP3 will appear on the display as an indication (only in the replay/pause mode). To switch on the player, press the button POWER.

- Insert a CD with the lettering facing up into the CD slot until it is pulled in automatically.
- Connect a USB storage medium³ (e. g. USB flash drive, USB hard disk with separate power supply) to the jack .
- Insert an SD card or SDHC card³ (32 GB max.) into the slot SD/SDHC CARD (notched corner downwards and facing the unit) until it engages. To remove the

card, push the card into the slot until it disengages.

The player will be in the stop mode once the sound carrier has been read (READING DISC / USB / CARD). The operating options and further information on the display indications can be found in the table to the right.

The anti-shock memory is able to compensate brief interruptions caused by shocks or vibrations when sampling a CD. However, it cannot compensate lasting, heavy shocks. Therefore, the speaker system must always be positioned on solid, unmovable ground during CD operation.

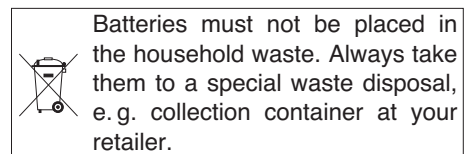
Note concerning sound interruptions and reading errors

Cigarette smoke and dust will easily penetrate through all openings of the unit and will also settle on the optics of the laser sampling system. If this deposit should cause reading errors and sound interruptions, the unit must be cleaned by skilled personnel. Please note that there will be a charge on cleaning, even during the warranty period!

The **infrared remote control** requires two 1.5 V AAA batteries. Remove the battery cover on the rear side. Insert the batteries as indicated in the compartment, and then close the cover again.

If the remote control is not used for a longer time, remove the batteries as a precaution so that the remote control will not be damaged in case the batteries should leak.


















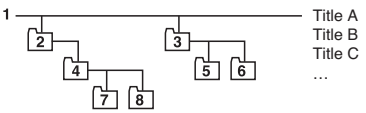













When pressing a button, always point the remote control to the sensor “IR” (next to the CD slot). Make sure that there are no obstacles between the sensor and the remote control. When the operating range of the remote control decreases, the batteries are discharged and must be replaced.



¹ Depending on the CD type, the CD burner and the burning program used, problems may occur when CD-RWs are replayed.


² The player also supports the reproduction of WMA files.

³ Due to the large number of storage device manufacturers and device drivers, it cannot be guaranteed that all storage media are compatible with this player.

Functions of the buttons		
Buttons at the player and on the remote control		
	To switch the player on and off at the player: press briefly to switch on, press longer to switch off; on the remote control: press briefly to switch on and off	
 	To switch between the sound carriers: CD (CD) → USB storage medium (USB) → memory card (CARD) ↻ Press the button repeatedly until the sound carrier desired is selected. If a sound carrier is not available, NO DISC/USB/CARD will appear on the display.	
 	To start and pause the replay In the replay mode and in the pause mode, the display will indicate the title number (TR ...) and the time already played of the title (min. : sec.) (indication can be switched  button REPEAT and button DISPLAY). For MP3 files, the upper line will show additional scrolling information (ID3 tags): file name – title – artist – album.	
 	Briefly press the button: title selection (▶▶): go to the next title; ◀◀: first, go to the beginning of the title; with each additional press, go to the previous title) Note: In the stop mode, the button ▶▶ must be pressed after a title was selected. Keep the button pressed: fast forward (▶▶), fast reverse (◀◀)	
 	To stop the replay In the stop mode, the display will indicate – the sound carrier: CD (CD), USB storage medium (USB) or memory card (CARD) – for standard audio CDs, the total number of titles (TR ...) and the total playing time (min. : sec.) – for MP3 sound carriers, the total number of folders (F ...) and the total number of titles (When a folder is selected in the stop mode, the display will indicate the folder number and the number of the first title in the folder.)	
 	To eject the CD If the CD is not removed from the CD slot after the CD was ejected, the player will automatically pull it in again after 10 seconds.	
  	To change the replay speed (range of settings: SPEED -10 ... SPEED +10) and thus to change the pitch: ▼/PITCH- = reduce speed, ▲/PITCH+ = increase speed Press the respective button repeatedly until the speed desired has been reached. NOR: return to normal speed (SPEED 0)	
 	To select the folders (directories) for sound carriers with MP3 files: →: go to the first title of the next folder, ←: go to the first title of the previous folder Note: The titles will be replayed in the following order: first, all titles without any folder in the root directory (compiled by the player in folder 1), then the folders of the root directory, then the folders of the next level, etc. (see example to the right).	
 	To reduce (→) or increase (←) the volume (range of settings: VOL MIN, VOL 01 ... VOL 30, VOL MAX)	
Buttons on the remote control only (buttons REC/DEL, FIND and ESP without any function)		
	To select titles: Enter the number with the numeric keys and then press the button ▶▶.	
	To program an individual sequence of titles (20 titles max. for standard audio CDs, 64 titles max. for MP3 sound carriers) 1. In the stop mode, press the button PROG: The programming mode will be activated (indication PROGRAM). 2. Program the title for the first storage location (F-01): – Standard audio CDs: Select the title with the button ▶▶ or ◀◀ and confirm with the button PROG. – MP3 sound carriers: First, select the folder with the button ▶▶ or ◀◀ and confirm with the button PROG, then select the title (within the folder!) with the button ▶▶ or ◀◀ and confirm with the button PROG. 3. Proceed in the same way to program the following storage locations. 4. When all titles have been programmed, start the replay of the title sequence with the button ▶▶ (indication MEM). The available replay modes are PLAY ALL, REPEAT TRACK and REPEAT ALL ( button REPEAT). With PLAY ALL, the player will switch to stop when the title sequence has been replayed; after switching to stop, the title sequence will be deleted. Note: The player will exit the programming mode after 15 seconds if no button is pressed.	
	To switch the display indication for MP3 files: Title number and time indication → folder name → total number of folders and total number of titles ↻	
	To mute (MUTE) and unmute the sound (The sound can also be unmuted by pressing a VOLUME button.)	
	To switch between different replay modes: PLAY ALL → PLAY ALL RANDOM → REPEAT TRACK → REPEAT FOLDER (for MP3 sound carriers only) → REPEAT ALL → RANDOM REPEAT ↻ PLAY ALL = all titles replayed one after the other, then the player will switch to stop PLAY ALL RANDOM RDM = all titles replayed once in random order, then the player will switch to stop REPEAT TRACK  = selected title continuously repeated REPEAT FOLDER  = titles of the selected folder continuously repeated REPEAT ALL  = all titles continuously replayed one after the other RANDOM REPEAT RDM  = all titles continuously replayed in random order After switching to stop, the basic setting PLAY ALL will be activated again.	
	To switch the time indication on the display (not in MP3 mode): time already played of the title ↔ remaining time of the title (in replay mode) or total playing time of the title (in pause mode)	

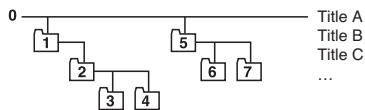
MP3 Player with Remote Control (for the model TXA-1020USB only)

With the **player**, MP3 files¹ from USB storage media and SD/SDHC memory cards can be replayed.

- Connect a USB storage medium² (e.g. USB flash drive, USB hard disk with separate power supply) to the jack .
- Insert an SD card or SDHC card² (32 GB max.) into the slot SD/MMC CARD (notched corner to the right and facing the unit) until it engages. To remove the card, push the card into the slot until it disengages.














To switch the player on, keep the button POWER pressed for approx. 1 second. The player will immediately start the replay once the sound carrier has been read. The display will indicate the sound carrier ("USB" or "SD"), the folder number and the number of the title in the folder (e.g. 001003 = title 3 in folder 1). In the replay mode and in the pause mode, the lower right section of the display will indicate the time already played of the title (hour : min. : sec.); in the stop mode, it will indicate the total playing time of the title.

Note: The titles will be replayed in the following order: first, all titles without any folder in the root directory (compiled by the player in folder 0), then the first folder of the root directory with its subfolders, then the next folder of the root directory with its subfolders, etc. (see following example).



To switch between two sound carriers connected, remove the memory card or the USB storage medium; the player will then automatically switch to the other sound carrier.

The operating options can be found in the table to the right.

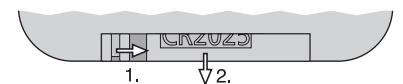
Functions of the buttons	
Buttons at the player	
	To switch the player on and off (keep the button pressed for approx. 1 sec.)
	<ul style="list-style-type: none"> – in the stop mode and in the pause mode: <ul style="list-style-type: none"> ▶▶ = go to the next title, ◀◀ = go to the previous title. Then the replay of the title will be immediately started. – during replay: to reduce (◀◀) or increase (▶▶) the volume.
	To stop the replay and to return to the beginning of the title
	To pause and continue the replay
	<ul style="list-style-type: none"> – in the stop mode and in the pause mode: to select the folder Press the button (folder indication starts flashing). Then select the folder with the button ◀◀ or ▶▶ and confirm with the button ▶▶: The first title of the selected folder will be started. – during replay: to select the replay mode The following replay modes are available: <ul style="list-style-type: none"> ↺ = all titles of the folder continuously repeated ↻ = all titles of the sound carrier continuously repeated ↷ = current title continuously repeated Press the button repeatedly until the symbol for the replay mode desired starts flashing, and then press the button ▶▶ to confirm. <p>Note: The player will exit the selection mode after 5 seconds if no button is pressed.</p>
Buttons on the remote control	
	To select a title within a folder: Enter the number that the title has within the folder, and then press the button ▶▶.
	To reduce (VOL-) or increase (VOL+) the volume
	<ul style="list-style-type: none"> – press briefly: title selection (▶▶ = forward, ◀◀ = reverse) – keep pressed: fast forward (▶▶), fast reverse (◀◀)
	To pause and continue the replay
	To mute and unmute the sound (The sound can also be unmuted by pressing one of the VOL buttons.)
	<ul style="list-style-type: none"> – to select the folder Press the button once (folder indication will start flashing). Then, to select the folder, either use the button ◀◀ or ▶▶ or enter the folder number with the numeric keys. Then press the button ▶▶ to confirm: The first title in the folder selected will be started. – to select the replay mode Press the button repeatedly until the symbol for the replay mode desired starts flashing (three replay modes available  button REPEAT/FOLDER at the player), and then press the button ▶▶ to confirm. <p>Note: The player will exit the selection mode after 5 seconds if no button is pressed.</p>
	To stop the replay and to return to the beginning of the title

The **infrared remote control** is supplied with a battery. Prior to initial operation, remove the foil from the battery holder. When pressing a button, always point the remote control to the infrared sensor (above the USB port). Make sure that there are no obstacles between the sensor and the remote control.

If the remote control is not used for a longer time, remove the battery as a precaution so that the remote control will not be damaged in case the battery should leak.

When the operating range of the remote control decreases, the battery is discharged and must be replaced: On the rear side of the remote control, push the small latch with the groove to the right (first arrow

in the following figure) and remove the battery holder (second arrow). Remove the discharged battery and insert a new 3V button cell of the type CR2025 with the positive pole showing upwards into the holder. Then insert the holder into the remote control.



Batteries must not be placed in the household waste. Always take them to a special waste disposal, e.g. collection container at your retailer.









¹ The player also supports the reproduction of WMA files.

² Due to the large number of storage device manufacturers and device drivers, it cannot be guaranteed that all storage media are compatible with this player.

III Transmitting Module AUDIO LINK TX (for the model TXA-1022CD only)

Wireless audio link mode: Via the transmitting module of an active speaker system TXA-1022CD (master unit), its output signal can be transferred to the receiving modules of other active speaker systems (slave units) of the series TXA-800/-1000/-1020. At the receiving modules of the slave units, set the transmission channel and set the transmitting module of the master unit to the same channel. Please note: At the master unit, the receiving module and the transmitting module must be set to different channels; otherwise, there will be feedback.

Note: The tone controls (6) and the control MASTER (11) at the master unit will not have any effect on the output signal of the transmitting module.

Functions of the operating elements	
 TX	Transmission indicator; will light up when the transmitting module is switched on
 AF LEVEL	Level indicators for the audio signal at the input of the transmitting module: yellow LED: will light up when a specific minimum level has been reached red LED: overload indicator, should only light up briefly for signal peaks; if it lights up continuously, reduce the volume of the respective audio source(s)
   SET	Buttons for setting the transmission channel: 1. Press the button SET: The channel indication on the display will start flashing. 2. As long as the channel indication flashes (10 sec.), the arrow buttons can be used to select the channel. 3. Confirm the selected channel with the button SET (otherwise, the transmitting module will return to the previously set channel after 10 seconds). To briefly indicate the radio frequency during operation, keep one of the arrow buttons pressed: The display will indicate the frequency instead of the channel while the arrow button is pressed.
 OFF. MAX.	Power switch and volume control of the transmitting module

2 Safety Notes

The unit (incl. remote control for model TXA-1020USB/-1022CD) corresponds to all relevant directives of the EU and is therefore marked with CE.

WARNING The unit uses dangerous mains voltage. Leave servicing to skilled personnel. Inexpert handling may result in electric shock.



- The unit is suitable for indoor use only. Protect it against dripping water and splash water, high air humidity, and heat (admissible ambient temperature range 0–40 °C).
- Do not place any vessel filled with liquid on the unit, e.g. a drinking glass.
- Do not operate the unit and immediately disconnect the mains plug from the socket
 1. if the unit or the mains cable is visibly damaged,
 2. if a defect might have occurred after the unit was dropped or suffered a similar accident,
 3. if malfunctions occur.
 In any case the unit must be repaired by skilled personnel.
- Never pull the mains cable to disconnect the mains plug from the socket; always seize the plug.
- For cleaning only use a dry, soft cloth; never use water or chemicals.
- No guarantee claims for the unit and no liability for any resulting personal damage or material damage will be accepted if the unit is used for other purposes than originally intended, if it is not correctly connected or operated, or if it is not repaired in an expert way.



If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

3 Applications

This active speaker system of the series TXA-1020 is a combination of a two-way speaker system and a class D amplifier and is especially designed for mains-independent operation. For power supply, the unit is equipped with two lead gel batteries that are charged when the unit is connected to the mains. Thus, the unit is ideally suited for mobile PA applications, e.g. at events and lectures.

The active speaker system is equipped with controllable inputs for the connection of two microphones and two audio sources with line signal level (e.g. CD/MP3 player) as well as with two outputs (e.g. for the connection of another active speaker system). Audio data of a Bluetooth audio source (e.g. smartphone) can be reproduced via the integrated Bluetooth receiver. For operation with two wireless transmitters, the unit includes a two-channel receiving module (2 × 16 channels in the UHF frequency range 863.1–864.9 MHz). The transmitters of the series TXA-800, for example, may be used as wireless transmitters.

Additional equipment
for **model TXA-1022CD:**

- ① Audio player to replay CDs, USB storage media and memory cards
- III Transmitting module (16 channels in the UHF frequency range 863.1–864.9 MHz) for wireless transmission of the output signal to additional active speaker systems of the series TXA-800/-1000/-1020

for **model TXA-1020USB:**

- ① Audio player to replay USB storage media and memory cards

3.1 Conformity and approval

Herewith, MONACOR INTERNATIONAL declare that the receiving module of the units TXA-1020/-1020USB/-1022CD and the transmitting module of the unit TXA-

1022CD are in accordance with the basic requirements and the other relevant regulations of the directive 2014/53/EU. The declaration of conformity is available on request from MONACOR INTERNATIONAL. The receiving module and the transmitting module are **licence-free** and generally approved for operation in EU and EFTA countries.

4 Setting Up/Transporting

Place the unit as desired or mount it onto a PA speaker stand via the stand sleeve on its lower side.

For transporting, the unit is provided with a telescopic handle. Push down the unlock button at the lower side of the handle and extract/retract the handle as desired.

5 Power Supply

5.1 Mains operation/ recharging the batteries

- 1) To operate the unit via the mains and/or to recharge the internal batteries, connect the mains cable provided to the mains jack (19) and to a mains socket (230 V~/50 Hz).
- 2) When the unit is connected to the mains, the batteries will be automatically recharged: During the recharge, the LED indicators for the battery status (4) will light up continuously one after the other. It is not necessary to switch on the unit for recharging; however, it can be operated during the recharging process. Once the recharging process has been completed, the LED "FULL" will light up continuously.
- 3) After operation or after recharging the batteries, disconnect the unit from the mains to avoid unnecessary power consumption.

5.2 Battery operation

During battery operation, the respective LED (4) will indicate the charging state of the rechargeable batteries:

- FULL 80 – 100 % charged
- 80 % less than 80 % charged
- 50 % less than 50 % charged
- 20 % less than 20 % charged

Important: To prevent damage to the batteries due to deep discharge and to prevent a reduction of their lifetime, please observe the following notes:

- Always fully recharge the batteries prior to initial operation and after longer storage.
- When the LED “20 %” starts flashing, the batteries are almost discharged and should be recharged as soon as possible.
- Fully recharge the batteries prior to longer storage and at least every two months during storage.

6 Audio Connections

Switch off the unit prior to making any connection.

6.1 Inputs

Two microphones can be connected: via an XLR plug or a 6.3 mm plug, to the jack MIC 1 (18) or, via a 6.3 mm plug, to the jack MIC 2 (17).

Audio units with line signal level (e.g. CD/MP3 player, mixer, tape deck, radio) can be connected to the RCA jacks LINE IN (13) and the 3.5 mm jack AUX IN (15). It is possible to connect both mono units and stereo units; in case of a stereo input signal, the left channel and the right channel are combined to a mono signal.

6.2 Outputs

Additional audio units such as a recorder or another active speaker system can be connected to the outputs LINE OUT and AUX OUT (14). At both outputs, the mixed signal of the audio sources will be available, unaffected by the tone controls (6) and the control MASTER (11). At each output jack – the two RCA jacks and the 3.5 mm jack – a mono signal is available.

7 Operation






- 1) Prior to switching on the unit, set the control MASTER (11) to “MIN”.
- 2) To switch the unit on and off, use the POWER switch (5). The switch will be illuminated when the unit is switched on. The battery status indicators (4) will indicate the charging status of the rechargeable batteries.

To prevent damage to the batteries by deep discharge during battery operation, a discharge protection will automatically switch off the unit when required. However, due to self-discharge of the batteries, a deep discharge may also occur when the unit is not operated for a longer

period of time. Therefore, always observe the box “Important” in chapter 5.2.

- 3) Switch on the audio sources that are to be audible and then adjust their volume with the corresponding controls/buttons (see below); use the control MASTER (11) to adjust the overall volume for the active speaker system.

Volume adjustment of the audio sources:

- for the two receiving units of the 2-channel receiving module (operation  chapter 7.1), use the corresponding volume control (2), CH.A or CH.B
- for model TXA-1020USB/-1022CD: for the integrated audio player (operation  chapter 1,  or ) use the volume buttons at the player or on the remote control
- for a unit connected to the input AUX IN (15) and the Bluetooth receiver (operation  chapter 7.2), use the volume control (8) of the operating panel AUX

Note: The control will determine the volume of the mixed signal of both sources when they are used at the same time.


- for a unit connected to the input LINE IN (13), use the volume control (7) of the operating panel LINE
- for a microphone connected, use the volume control (10 or 9) above the corresponding input

Switch unused sources off or set their volume to minimum.

CAUTION





Never adjust the active speaker system to a very high volume. Permanent high volumes may damage your hearing! Your ear will get accustomed to high volumes which do not seem to be that high any more after some time. Therefore, do not further increase a high volume after getting used to it.

- 4) To operate the transmitting module at TXA-1022CD, see chapter 1, .
- 5) Use the high frequency control TREBLE and the low frequency control BASS (6) to adjust the tone of the active speaker system.
- 6) Use the button VOICE PRIORITY (12) to activate the microphone priority function. When the button is pressed (LED beneath the button illuminated), the volume of the music currently played will be substantially reduced while announcements via a microphone connected or a wireless microphone are being made. To deactivate the function, disengage the button again.



Note: The function will also have an effect on the output signal of the jacks LINE OUT and AUX OUT (14) as well as (for the model TXA-1022CD) on the output signal of the transmitting module.

7.1 Operating the receiving module

Using the 2-channel receiving module and two appropriate transmitters (e.g. pocket transmitter TXA-800HSE, wireless microphone TXA-800HT), two transmission paths can be established.





- 1) The receiving units A and B of the module provide a control (2), CH.A and CH.B respectively, to adjust the volume and to switch them on and off. To switch a receiving unit on, advance the corresponding control from the position “OFF”. The left half of the display (1) applies to receiving unit A, the right half applies to receiving unit B. When a receiving unit has been switched on, the corresponding half of the display will indicate the transmission channel. To indicate the radio frequency, press an arrow button ( for unit A,  for unit B). The previous indication will reappear after 2 seconds.
- 2) Use the buttons (3) of the module to **set the transmission channels**, either manually or by means of an automatic scan. Leave the corresponding transmitters switched off for the time being.

Channel scan:



Keep the buttons  and  simultaneously pressed for approx. 1 second until *SCAN* appears on the display. The scan will start: The receiving units will be set to free channels without mutual interference. If no free channels are found, the channels set will be kept.

Manual channel selection:

If *both* receiving units A and B are switched on:

1. Keep the button SET pressed until the channel indication for receiving unit A starts flashing on the display.
2. Select the channel for receiving unit A with the button  or  and then confirm with the button SET.
3. The channel indication for receiving unit B starts flashing on the display. Select the channel for receiving unit B with the button  or  and then confirm with the button SET.

If only *one* receiving unit A or B is switched on:

Keep the button SET pressed until the channel indication starts flashing on the display. Select the channel with the button  or  and then confirm with the button SET.

If a channel is not confirmed within 10 seconds with the button SET, the setting mode will be exited and the channel previously set will be kept.

Note: The receiving units cannot be set to the same channel.

If, with the transmitter switched off, the respective segment bar A or B on the display indicates reception, interference signals or signals from other transmit-

ters are being received. In this case, select a different channel.

- Switch the transmitters on and set them to the channels of the receiving module: Set one transmitter to the channel of receiving unit A and set the second transmitter to the channel of receiving unit B.

The respective segment bars on the display will indicate the strength of the radio signals received. Use the controls (2) to adjust the desired volume for each receiving unit.

If no reception is indicated or if the reception is poor, check if:

- the batteries of the transmitter are discharged.
- the reception is disturbed by metal objects or other high-frequency sources.
- the distance between the transmitter and the receiving module is too long.
- the threshold value for interference suppression (squelch) is too high (see chapter 7.1.2).

7.1.1 Changing the group setting

(for operation with 2 receiving modules)

The unit can be extended by another 2-channel receiving module (available as article TXA-1020MR). To set the four transmission channels via channel scan, change the group setting of both receiving modules:

- Switch off the receiving units A and B. Then keep the button SET pressed while switching on a receiving unit. The display will indicate the current group setting $F 1$ (with the number flashing).
- Use the button Δ or ∇ to switch to $F 2$.
- Press the button SET to exit the group setting mode. The squelch setting mode will be activated; to exit the mode, press the button SET.

Note: The setting modes will be automatically exited after 5 seconds if no button is pressed. Any settings made will be saved.

Perform the channel scan for the first receiving module, switch on the appropriate two transmitters and set them accordingly. Leave the two transmitters switched on so that channels already used will be skipped during the channel scan for the second receiving module. Then perform the channel scan for the second receiving module, switch on the two appropriate transmitters and set them accordingly.

7.1.2 Setting the squelch

The squelch function will mute the respective receiving unit when the level of the radio signal falls below the threshold value adjusted. Thus, interference signals will not cause noise when the transmitter is switched off or when its radio signal is insufficient: If the levels of the interference signals are below the threshold value, the receiving unit will be muted.

A high threshold value offers high interference resistance, but it will also reduce the transmission range. Thus, when the reception is good, a high threshold value can be used; however, when the transmitter and the receiver are far apart, a low threshold value is recommended.

- Switch off the receiving units A and B. Then keep the button SET pressed while switching on a receiving unit. The display will indicate the group setting ($F 1$ or $F 2$, with the number flashing).
- Press the button SET to exit the group setting mode and to activate the squelch setting mode: $5 9$ (for **Squelch**) and the current value (flashing) will appear on the display.
- Use the button Δ or ∇ to set the value (level 7 = highest threshold value). Press the button SET to exit the squelch setting mode.

Note: The setting modes will be automatically exited after 5 seconds if no button is pressed. Any settings made will be saved.

7.2 Operating the Bluetooth receiver

The Bluetooth receiver can be used to establish a wireless connection to a Bluetooth audio source (e.g. smartphone, tablet PC, MP3 player) which allows the amplifier system to replay audio data.

Note: The Bluetooth source must be compatible with the A2DP protocol (Advanced Audio Distribution Profile); otherwise, no wireless connection will be possible.

- To switch on the Bluetooth receiver, keep the button $\$$ (16) pressed for approx. 2 seconds. The button will start flashing to indicate that there is no connection to the Bluetooth source and that the Bluetooth receiver is ready for "pairing" (linking the Bluetooth source to the Bluetooth receiver).
- At the Bluetooth source, switch on the Bluetooth function and perform the "pairing" process (see the instructions of the Bluetooth source, if required). On the display of the Bluetooth source, the Bluetooth receiver is indicated as "TXA SERIES". The button $\$$ will be continuously illuminated once the linkage has been completed.
- At the Bluetooth source, start the replay of audio data. The Bluetooth source can be operated as desired (title selection, volume adjustment, pause, etc.).
- At the active speaker system, use the control AUX (8) to adjust the volume.

Note: The volume control will also apply to the unit that is connected to the AUX input (15); therefore, do not use this input during Bluetooth operation. Otherwise, both audio sources will be reproduced at the same time.

- When the Bluetooth connection is disconnected (e.g. when the Bluetooth source is moved outside of the range of the wireless connection), the button

will restart flashing, and the "pairing" process must be performed again.

- To switch off the Bluetooth receiver, briefly press the button $\$$. The button will not be illuminated anymore.

8 Specifications

Amplifier power: 170 W_{MAX}/120 W_{RMS}

Frequency range: 20 – 20 000 Hz

Input sensitivity: 6 mV (MIC 1/2),
300 mV (LINE/AUX IN)

Level LINE/AUX OUT: . . . 1 V

Connections

MIC 1: combined XLR
jack/6.3 mm jack, bal.

MIC 2: 6.3 mm jack, bal.

LINE IN/OUT: RCA jacks

AUX IN/OUT: 3.5 mm jacks

Tone control: ± 10 dB/100 Hz (BASS)
 ± 10 dB/10 kHz (TREBLE)

Power supply: via internal rechargeable
lead gel batteries
(2 x 12 V/4.5 Ah)
or via mains connection
(230 V~/50 Hz/170 VA)

Operating time of
the rech. batteries: approx. 4 – 6 hours

Ambient temperature: . . . 0 – 40 °C

Dimensions: 360 x 580 x 320 mm

Weight: 18.9 kg (TXA-1020),
19.1 kg (TXA-1020USB),
19.2 kg (TXA-1022CD)

Wireless transmission

Radio frequencies			
Channel	Frequency	Channel	Frequency
1	863.1 MHz	9	863.2 MHz
2	864.1 MHz	10	864.2 MHz
3	863.6 MHz	11	863.7 MHz
4	864.6 MHz	12	864.7 MHz
5	863.3 MHz	13	863.4 MHz
6	864.3 MHz	14	864.4 MHz
7	863.8 MHz	15	863.9 MHz
8	864.8 MHz	16	864.9 MHz

Range: approx. 30 m

Transmitting power of
the transmitting module*: ≤ 10 mW (EIRP)

* for model TXA-1022CD

Subject to technical modification.

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