

User Manual

WEEKLY PLAYER Automatic Message Player



Safety instructions

When using this electronic device, basic precautions should always be taken, including the following:

- 1 Read all instructions before using the product.
- 2 Do not use this product near water (e.g., near a bathtub, wash bowl, kitchen sink, in a wet basement or near a swimming pool etc.) Care should be taken that objects do not fall into liquids and liquids would not be spilled on the device.
- 3 Use this device when you are sure that it has a stable base and it is fixed securely.
- 4 This product, in combination with loudspeakers may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult with otorhinolaryngologist.
- 5 The product should be located away from heat sources such as radiators, heat vents, or other devices that produce heat.
- 6 Note for power connections: for pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- 7 The power supply should be undamaged and never share an outlet or extension cord with other devices. Never leave device plugged into the outlet when it is not being used for a long period of time.
- 8 Power disconnection: when the power cord connected to the power grid is connected to the machine, the standby power is turned ON. When the power switch is turned ON, the main power is turned ON. The only operation to disconnect the power supply from the grid, unplug the power cord.

- 9 Protective Grounding - An apparatus with class I construction shall be connected to a power outlet socket with a protective grounding connection.
Protective Earthing - An apparatus with class I construction shall be connected to a mains socket outlet with a protective earthing connection.
- 10 The lightning flash with an arrowhead symbol, with an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage' within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. 
- 11 The exclamation mark 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. 
- 12 There are some areas with high voltage inside, to reduce the risk of electric shock do not remove cover of the device or power supply.
The cover should be removed by the qualified personnel only.
- 13 The product should be serviced by qualified service personnel if:
 - The power supply or the plug has been damaged.
 - Objects have fallen into or liquid has been spilled on the product.
 - The product has been exposed to rain.
 - The product has been dropped or the enclosure damaged.



CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN

To reduce the risk of electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel. To reduce the risk of fire, electric shock or product damage, do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

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Before you start

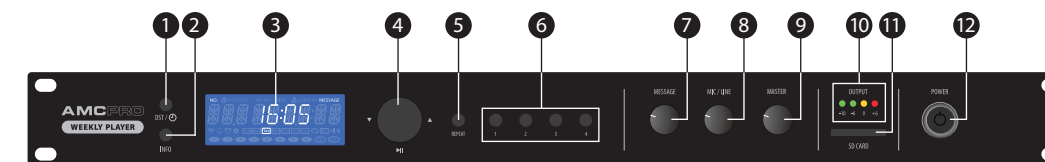
The weekly player is designed to play audio files according to the schedule listed on the SD card. This player also plays background music between the scheduled audio, has microphone input with priority and phantom power, supports external control in order to play or stop audio messages remotely via eight dry contacts. For a quick announcement start, the player provides front buttons for four recorded audio messages. Weekly player can be time synchronized with internet NTP servers. The device is designed for any public place where scheduled messages are required: it is a great choice for shopping centers and entertainment venues - for timed audio advertising, it also can be used at schools – to announce the beginning and the end of the lessons, or production facilities - to announce the breaks, lunchtime, or any other recurring event.

FEATURES

- Scheduled messages player
- Background music player
- Microphone input
- Priority & Phantom power
- Shortcut buttons for quick announcement start
- 8 triggers for remote control
- 24V DC power input
- Stereo and balanced outputs
- 99 events schedule
- Built-in backup battery for clock
- Online time synchronization
- Manual DTS setting

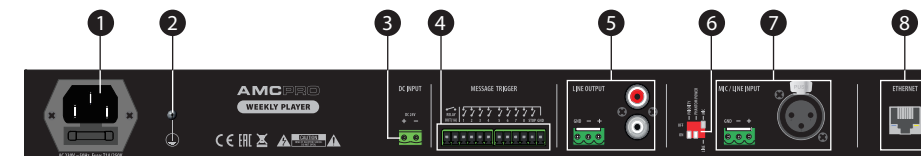
Operation

Front Panel | Weekly Player



1. Daylight saving time setting and Clock button
2. Info button
3. Display
4. Rotary encoder
5. Repeat button
6. Shortcut button 1-4
7. Message volume controller
8. Mic/Line volume controller
9. Master volume controller
10. Output level meter
11. SD card slot
12. Power button

Rear Panel | Weekly player



1. Mains power connector
2. Ground terminal
3. DC input
4. 1-8 Message triggers
5. Line outputs
6. DIP switch
7. Mic/line inputs
8. Ethernet RJ-45 port

Operation

Front panel functions

SD CARD CONTENT

In order to start the device SD card must have two catalogs: MESSA and MUSIC, as well as one text file named TIMING (TIMING.TXT). This file is the content of the schedule. Device supports 32 GB maximum capacity SD cards.

BACKGROUND MUSIC PLAYER

Between the scheduled audio, the weekly player is able to play background music located in SD card catalog MUSIC. During the scheduled message player skips played background music track and return background music after scheduled audio stops. All files inside catalog MUSIC must be renamed to T001, T002... Maximum number can be T999.

DAYLIGHT SAVING TIME / CLOCK BUTTON

The function of this button varies depending on whether the device is connected to Ethernet or operating independently without a connection. Refer to page 8 for time setting instructions.

INFO BUTTON

This button shows information about ready to play or current playing background music audio file or displays the weekly schedule on screen. Press and hold to show schedule info or click this button to see name of ready to play or current playing background music audio file.



DEVICE INFORMATION SCREEN

1. TIMING.TXT line number that is currently active (for the next scheduled audio message)
2. The time when the device will play the next audio message.
3. Audio message number
4. Days of the week when this audio message schedule is active.
5. Active Ethernet connection indicator.

ROTARY ENCODER

In the default mode encoder allows start to play or stop and select the background music track. Push encoder to play or stop music, turn it to select the track. In clock adjusting mode rotary encoder allows to set and save time settings also allows to scroll and view schedule if info mode is activated by hold INFO button.

REPEAT FUNCTION

It's a button to control the repeat function for the background music folder named MUSIC. This feature doesn't affect scheduled messages.

SHORTCUT BUTTONS 1-4

Manually play messages M001, M002 M003, and M004.

MESSAGE KNOB

Volume control for audio messages and background music.

MIC/LINE KNOB

Volume control for external audio inputs.

MASTER KNOB

It is the main volume controller for both message player and external inputs.

OUTPUT LEVEL METER

LED indicator shows the device audio level in the output.

POWER BUTTON

Turn off/on device main power.

SD CARD SLOT

Message player supports SD HC cards formatted in FAT32 file system (max 32 GB). Before using a new SD card make sure that all data are erased and SD card is empty.

Name	Date modified	Type	Size
MESSA	2024-11-18 16:37	File folder	
MUSIC	2024-11-18 16:37	File folder	
NET_CONF	2024-11-12 12:39	Text Document	1 KB
TIMING	2024-10-24 12:36	Text Document	2 KB

SD card content

Create only two catalogs in the empty SD card - MESSA and MUSIC. The schedule should be written as a text file TIMING.TXT by using notepad application.

The weekly player will automatically create an empty TIMING.TXT and NET_CONF.TXT files if an empty SD card is inserted.

MESSA

It is a catalog to place mp3 files for audio messages. All files must be named like the following examples: M001, M002,.....M053. MESSA catalog can contain the maximum of 99 audio files.

MUSIC

This catalog is dedicated to placing background music audio files. All filenames in this catalog must be like following examples: T001, T002.... T020. MUSIC catalog can contain the maximum of 999 audio files.

TIMING.TXT

It is a schedule file created with a notepad app. The rules how to create a timing file are listed below:

- Every scheduled event starts with a new line in TIMING.TXT file.
- Every schedule line must have the following information in the shown sequence separated by a comma: time, days of the week, audio file name.
- The first info in schedule line is the time. Time format is 24 h (hh:mm). For example: 15:01.
- The second information in the schedule line is days of the week. Days must be listed in abbreviation form: **Mon** - Monday, **Tue** - Tuesday, **Wed** - Wednesday, **Thu** - Thursday, **Fri** - Friday, **Sat** - Saturday, **Sun** - Sunday. Each day must be separated by a comma. For example: Mon,Tue,Fri.

It is possible to use a dash (-) between the days when schedule must be repeated all days between the first and the last listed days. To repeat schedule line every working day only the first and the last schedule days can be listed, with the dash between. For example: Mon-Fri.

To repeat schedule line every day including weekends: Mon-Sun.

To repeat schedule line only on weekends: Sat-Sun.

Audio file name must be listed in the schedule line after days of the week, and the file with the same name must be placed to catalog MESSA located in SD card. Audio file name must start with letter M and three digits. For example: M001 or M012.

Operation

Examples of schedule:

Weekly player plays audio file named M001 every work day at 8 o'clock:
08:00, Mon-Fri,M001

Player plays audio file M002 on Monday, Thursday, and Sunday, 16:08 o'clock:
16:08,Mon,Thu,Sun,M002

Auto play function

Weekly player can automatically start and stop playing background music according schedule listed in TIMING.TXT file. To enable Weekly player to play and stop background music automatically, you need to specify time, week days and function – AUTO and STOP. **To start play music automatically set the command AUTO:**

Example:

08:00,Mon-Fri,AUTO

Weekly player starts to play audio from catalog MUSIC every workday at 8 o'clock.

To stop play background music set the command STOP:

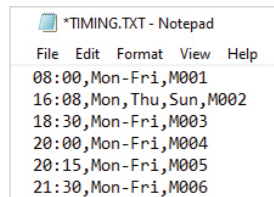
Example:

17:00,Mon-Fri,STOP

Weekly player stops to play audio from catalog MUSIC every workday at 17 o'clock.

IMPORTANT

Do not use spaces in the schedule line or at the end of the schedule line. Press ENTER at the end of the schedule line in order to write another one.



TIMING.TXT file example

Rear panel functions

POWER CONNECTOR

The socket is combined with a fuse holder and 1A 250C fuse.

DC INPUT

The weekly player can be powered from an external 24 V power supply or 24 V batteries.

RELAY OUT

This is normally open (NO) relay output, which becomes closed when an audio message or background music starts to play.

MESSAGE TRIGGER

The device has eight dry contacts designed to start play messages from 1 to 8 remotely. The first trigger starts to play audio file M001 located in folder MESSA. Trigger 8 starts to play message M008.

You can use the Stop trigger to stop audio anytime.

LINE OUTPUTS

The device has two line level audio outputs: Phoenix - balanced mono and stereo RCA.



Message 7 is playing

Operation

DIP SWITCH

This switch allows to enable or disable microphone input priority, phantom power as well as change input gain and make input suitable to connect line level audio or microphone.

PRIORITY

The mode is designed for emergency and other high priority audio messages. Audio in this input mutes scheduled messages and background music if priority DIP switch is set to position ON .

PHANTOM POWER

Set phantom power DIP switch to position ON in order to activate phantom power in balanced input. The maximum phantom power voltage is +24 V. To disable phantom power set the switch to the OFF position. Keep phantom power disabled if you are going to use the line level audio or dynamic microphone. Enable phantom power in only one case - if you are using condenser microphone.

MIC/LINE

Boost balanced input gain, switch to position MIC, in order to amplify the audio signal from the microphone properly.

RJ45 ETHERNET CONNECTOR

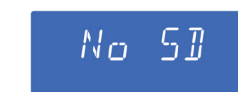
The RJ45 connector allows the device to connect to the local network. The device's IP address and Ethernet parameters should be specified and saved in a text file named NET_CONF.txt on the SD card.

DISPLAY

Below are listed all available messages and short explanations.



---- -- this symbol indicates that the device is reading SD card. Reading time depends on SD card size and audio files sizes recorded to SD.



NO SD – this message shows that the SD card is not inserted in the device or the SD card is not supported.



MESSAGE XX – after the device completes SD card scanning information about audio files located in the catalog assigned to hold audio files for messages will be displayed on the screen. XX – means audio file quantity found in catalog MESSA.



MUSIC XX – it's information about audio files found in catalog MUSIC which is intended to keep audio files for background music. XX – means audio file quantity found in the catalog.



READ ERR – informs about mistakes in TIMING.TXT file or message file listed in TIMING.TXT file is missing.

Operation

01 ERR 03

ERROR codes:

- XX ERR 01** – Wrong time format in schedule line XX.
- XX ERR 02** – Wrong days of the week in schedule line XX.
- XX ERR 03** – Audio file listed in schedule line XX is missed in folder MESSA.
- XX ERR 04** – Grammar error in schedule line XX.
- XX ERR 05** – Timing error. For example, two different messages are listed to play at the exactly same time. Check the schedule line XX.

SYNC

SYNC – Indicates that the time is manually synchronized with the NTP server.
Note: Manual time synchronization disables Daylight Saving Time.
After synchronizing manually, please verify if you need to enable DST.

DST ON

DST ON – One hour is added to the synchronized clock time.

DST OFF

DST OFF – Daylight Saving Time is disabled.

Operation

Setting the time

CLOCK/DTS BUTTON

The function of this button varies depending on whether the device is connected to Ethernet or operating independently without a connection.

When **Ethernet is connected**, it allows for manual time synchronization with the NTP time server specified in the NET_CONF.txt file on the SD card. Additionally this button can enable or disable the Daylight Saving Time (DST) function by adding or eliminating one hour from the clock.

- **Press and Hold:** Initiates manual time synchronization. Please note that manual time synchronization disables the DST function. Please check if you need to enable DST after manual time synchronization.
- **Short Press:** Toggles the Daylight Saving Time (DST) function on or off.

When the weekly player is used **without Ethernet**, pressing and holding the button allows you to set the device's clock manually.

- **Press and Hold (5 seconds):** Activates the time adjustment mode. Use the rotary encoder to set the hours, minutes, and days of the week. Press to save the adjusted value or to navigate between hours, minutes, and days. The device automatically exits setup when the week day is set.
- **Short Press:** Toggles the Daylight Saving Time (DST) function on or off.

Network and Time Server Configuration

The Weekly Player comes with an empty NET_CONF.txt file preloaded on the SD card. To configure the Ethernet connection, the static device's IP address, subnet mask, and gateway information must be saved in this file. Additionally, the IP address of the time server and the GMT offset for your location's time zone should also be added.

It's important to use correct grammar in the configuration file, avoid using spaces between the symbols (except in sntp ip:xxx.xxx.xxx.xxx line), and keep the format exactly as listed below. The NET_CONF.txt file must include the following information:

```
ip:xxx.xxx.xxx.xxx
mask:xxx.xxx.xxx.xxx
gateway:xxx.xxx.xxx.xxx
sntp ip:xxx.xxx.xxx.xxx
GMT:+x:xx
```

Network configuration:

Device supports static IP address. Please scan your local networks to find the unused IP address and assign it to the device by typing this address to the NET_CONF.txt file. Example:

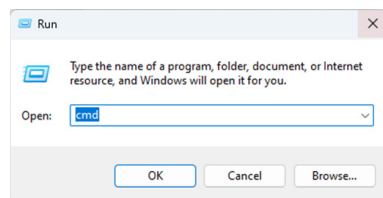
```
ip:192.168.2.69
```

Please use any of the third-party IP scanner software to scan your Ethernet network in order to find unused IP addresses. Here are some of the IP scanner software options, commonly used to discover and monitor devices on a network:
Advanced IP Scanner: <https://www.advanced-ip-scanner.com/>
Angry IP Scanner: <https://angryip.org/>

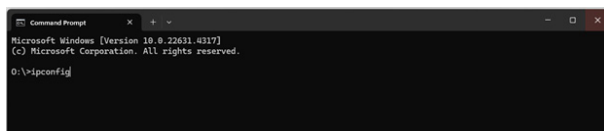
Operation

The mask and gateway must also be added to the file. To find the network mask (subnet mask) and gateway of your Ethernet connection, follow these steps:

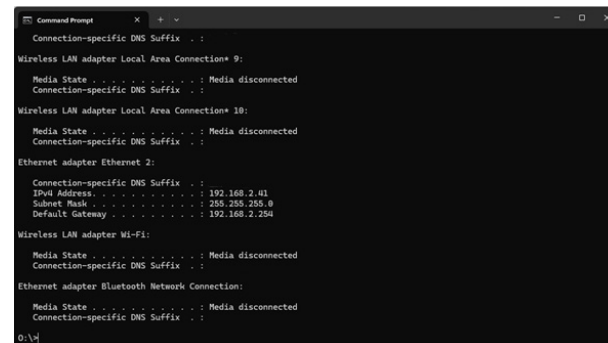
1. Open Command Prompt: Press **Win + R** and type cmd in the window. Press Enter to open Command Prompt window.



Type the **ipconfig** command to the Command Prompt window and press enter:



2. Under the "Ethernet adapter" section, you'll find details like: Subnet Mask (Network Mask) and Default Gateway (Gateway). Please use the same details to configure Weekly Player Ethernet card.



Type mask and gateway parameters to the NET_CONF.txt file. Example:

```
ip:192.168.2.069
mask:255.255.255.000
gateway:192.168.2.254
snmp ip:xxx.xxx.xxx.xxx
GMT:+x:xx
```

Operation

TIME SERVER IP SETTING

The weekly player is designed to sync the clock once a day with a time server in order to ensure accurate time. One of the best option is to choose the nearest NTP server to your location. A list of public time servers can be found in NTP server pool: <https://www.ntppool.org/zone/europe>.

We recommend using a Lithuanian-located NTP time server. It's a time-tested and trusted server with the following IP address:

Lithuania

ip:193.219.61.120

Example:

```
ip:192.168.2.069
mask:255.255.255.000
gateway:192.168.2.254
snmp ip:193.219.61.120
GMT:+x:xx
```

To configure network time synchronization, you can obtain the IP addresses of time synchronization servers by searching online for servers available in different countries.

If you are unable to find a suitable server, you can check the NTP server pool at <https://www.ntppool.org/zone/europe> for available time server URLs. To find the IP address of a server, use any free online tools to resolve the URL to an IP address.

For example, the Lithuania NTP pool zone (<https://www.ntppool.org/zone/lt>) provides the following server URLs:

```
server 1.lt.pool.ntp.org
server 0.europe.pool.ntp.org
server 2.europe.pool.ntp.org
```

You can check the IP address for any of these servers (e.g., 1.lt.pool.ntp.org, 0.europe.pool.ntp.org, or 2.europe.pool.ntp.org) and add the IP address to the snmp ip: line in the NET_CONF.txt file.

Please contact AMC Baltic for support if you need any help finding the NTP IP address:
info@amcpro.eu

Operation

GMT TIME CORRECTION

The Weekly Player synchronizes with GMT (Greenwich Mean Time). In order to have the correct time adjusted to you local time zone, the time zone correction should be added to the NET_CONF.txt file. There are many online maps listing time zones and GMT corrections. One such map and data can be found in websites:

<https://www.timeanddate.com/time/map/>
<https://greenwichmeantime.com/>

Please note that these websites list the GMT correction including DST (Daylight Saving Time). This means that if you apply the time correction that includes DST, you do not need to manually enable DST by pressing the button on the front panel.

In this case, you will need to change the GMT correction on the SD card during the winter months, as the GMT offset differs by 1 hour between summer and winter. Be sure to update the time correction accordingly to ensure accurate timekeeping throughout the year.

Below is a time zones table without automatically applied the DST correction:

GMT Time	Cities	Name of Time Zone
GMT-01:00	Azores	Atlantic/Azores
GMT-01:00	Cape Verde Islands	Atlantic/Cape Verde
GMT-02:00	Mid-Atlantic	Atlantic/South Georgia

GMT-03:00	Brasilia	America/Sao Paulo
GMT-03:00	Buenos Aires, Georgetown	America/Argentina/Buenos Aires
GMT-03:00	Greenland	America/Godthab
GMT-03:30	Newfoundland and Labrador	America/St_Johns
GMT-04:00	Atlantic Time (Canada)	America/Halifax
GMT-04:00	Caracas, La Paz	America/La_Paz
GMT-04:00	Manaus	America/Cuiaba
GMT-04:00	Santiago	America/Santiago
GMT-05:00	Bogota, Lima, Quito	America/Bogota
GMT-05:00	Eastern Time (US and Canada)	America/New York
GMT-05:00	Indiana (East)	America/Indiana/Indianapolis
GMT-06:00	Central America	America/Costa Rica
GMT-06:00	Central Time (US and Canada)	America/Chicago
GMT-06:00	Guadalajara, Mexico City, Monterrey	America/Monterrey
GMT-06:00	Saskatchewan	America/Edmonton
GMT-07:00	Arizona	America/Phoenix
GMT-07:00	Chihuahua, La Paz, Mazatlán	America/Chihuahua
GMT-07:00	Mountain Time (US and Canada)	America/Denver
GMT-08:00	Pacific Time (US and Canada); Tijuana	America/Tijuana
GMT-09:00	Alaska	America/Anchorage
GMT-10:00	Hawaii	Pacific/Honolulu
GMT-11:00	Midway Island, Samoa	Pacific/Apia
GMT+0:00	Casablanca, Monrovia	Africa/Monrovia
GMT+0:00	Dublin, Edinburgh, Lisbon, London	Europe/London
GMT+01:00	Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Europe/Berlin
GMT+01:00	Belgrade, Bratislava, Budapest, Ljubljana, Prague	Europe/Belgrade
GMT+01:00	Brussels, Copenhagen, Madrid, Paris	Europe/Paris
GMT+01:00	Sarajevo, Skopje, Warsaw, Zagreb	Europe/Belgrade
GMT+01:00	West Central Africa	Africa/Lagos
GMT+02:00	Athens, Bucharest, Istanbul	Europe/Istanbul

Operation

GMT+02:00	Cairo	Africa/Cairo
GMT+02:00	Harare, Pretoria	Africa/Harare
GMT+02:00	Helsinki, Kiev, Riga, Sofia, Tallinn, Vilnius	Europe/Riga
GMT+02:00	Jerusalem	Asia/Jerusalem
GMT+02:00	Minsk	Europe/Minsk
GMT+02:00	Windhoek	Africa/Windhoek
GMT+03:00	Baghdad	Asia/Baghdad
GMT+03:00	Kuwait, Riyadh	Asia/Kuwait
GMT+03:00	Moscow, St. Petersburg, Volgograd	Europe/Moscow
GMT+03:00	Nairobi	Africa/Nairobi
GMT+03:30	Tehran	Asia/Tehran
GMT+04:00	Abu Dhabi, Muscat	Asia/Muscat
GMT+04:00	Baku	Asia/Baku
GMT+04:00	Tbilisi	Asia/Tbilisi
GMT+04:00	Yerevan	Asia/Yerevan
GMT+04:30	Kabul	Asia/Kabul
GMT+05:00	Ekaterinburg	Asia/Yekaterinburg
GMT+05:00	Islamabad, Karachi, Tashkent	Asia/Tashkent
GMT+05:30	Chennai, Kolkata, Mumbai, New Delhi	Asia/Calcutta
GMT+05:45	Kathmandu	Asia/Kathmandu
GMT+06:00	Almaty, Novosibirsk	Asia/Novosibirsk
GMT+06:00	Astana, Dhaka	Asia/Almaty
GMT+06:00	Sri Jayawardenepura	Asia/Colombo
GMT+06:30	Yangon (Rangoon)	Asia/Rangoon
GMT+07:00	Bangkok, Hanoi, Jakarta	Asia/Bangkok

GMT+07:00	Krasnoyarsk	Asia/Krasnoyarsk
GMT+08:00	Beijing, Chongqing, Hong Kong, SAR, Urumqi	Asia/Shanghai
GMT+08:00	Irkutsk, Ulaanbaatar	Asia/Irkutsk
GMT+08:00	Kuala Lumpur, Singapore	Asia/Singapore
GMT+08:00	Perth	Australia/Perth
GMT+08:00	Taipei	Asia/Taipei
GMT+09:00	Osaka, Sapporo, Tokyo	Asia/Tokyo
GMT+09:00	Seoul	Asia/Seoul
GMT+09:00	Yakutsk	Asia/Yakutsk
GMT+09:30	Adelaide	Australia/Adelaide
GMT+09:30	Darwin	Australia/Darwin
GMT+10:00	Brisbane	Australia/Brisbane
GMT+10:00	Canberra, Melbourne, Sydney	Australia/Sydney
GMT+10:00	Guam, Port Moresby	Pacific/Guam
GMT+10:00	Hobart	Australia/Hobart
GMT+10:00	Vladivostok	Asia/Vladivostok
GMT+11:00	Magadan, Solomon Islands, New Caledonia	Pacific/Guadalcanal
GMT+12:00	Auckland, Wellington	Pacific/Auckland
GMT+12:00	Fiji Islands, Kamchatka	

Operation

Please use this data to select the GMT time correction and enable/disable DST manually by pressing the DST button on the front panel.
Below is an example of the NET_CONF.txt content: for use device in Europe/Berlin time zone (Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna):

```
ip:192.168.2.69
mask:255.255.255.000
gateway:192.168.2.254
snmp ip:193.219.61.120
GMT:+1:00
```

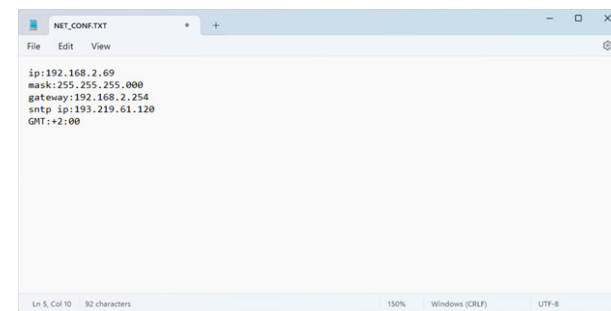
QUICK WEEKLY PLAYER NTP CLIENT SETUP:

- Scan the local network to find an unused IP address.
- Check the local network subnet mask and default gateway.
- Check the GMT correction according to your time zone in the table on pages: 11-12.
- Open the file NET_CONF.txt located on the SD card and type:

IP address that will be assigned to the Weekly Player (ip: xxx.xxx.xxx.xxx)
Subnet mask (mask: xxx.xxx.xxx.xxx)
Default gateway (gateway: xxx.xxx.xxx.xxx)
NTP server IP address (snmp ip: 193.219.61.120)
GMT time correction (GMT: +x.xx)

- Save the file on the SD card. The file name must be NET_CONF.txt.
- Insert the SD card into the device.

Example:



- Turn on the device and connected Ethernet cable.
- Press and hold the DST/clock button to activate time synchronization.
- Check if the time was synchronized correctly. If the time is not synchronized, check the data on the SD card.
- Press a DST/clock button short if you need to enable or disable DST (Daylight Saving Time) function.

General Specifications

Weekly Player Automatic Message Player

Technical Specifications	
AC power supply	~ 230 V, 50 Hz
DC power supply	24 V 1 A
Power consumption	6 W
MIC input gain	-40 dBu
Line input gain	-10 dBu
Trigger voltage and current	3.3 V 63 mA
Relay output	2A 30 V DC, 1A 125 V AC
Time accuracy	3 minutes per year without an Ethernet connection
NTP time synchronization interval	Once every 24 hours with NTP time synchronization configured
DST control	Manual on/off
Timer resolution	1 min

Phantom power	+24 V
Microphone priority	DIP switch to turn on or off
Audio outputs connector	Stereo RCA and mono balanced Phoenix
SD card type	SDHC, 32 GB maximum capacity
Maximum schedule lines	99
Maximum number of audio files for background music	999
Maximum number of audio files for scheduled messages	99
Frequency response	20 Hz - 20 kHz
Weight	1,7 kg
Dimensions (H x W x D) mm	44×480×150

The specifications are correct at the time of printing this manual.
For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.