# UF-20DA

## Instructions for use




English translation of the original German manual

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# Foreword

This manual will help you to use the UF-20DA safely. The UF-20DA is referred to throughout this manual as the ‘product’.

This manual is intended for the operator and assumes no specialist knowledge.

## Keep this manual handy

This manual forms part of the product.

- Read this manual carefully before using the product for the first time.
- Follow the instructions and requirements set out in this manual.
- Keep this manual for the product’s entire service life.
- Keep this manual readily available for reference purposes.
- Request a replacement from the manufacturer if this manual is lost or becomes illegible.
- Pass this manual on whenever you sell or otherwise transfer the unit to another party.

## Copyright

This manual contains information that is subject to copyright. This manual may not be copied, printed, filmed, processed, reproduced or distributed in any form, in whole or in part, without the manufacturer’s prior written consent.

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# Safety

## Intended use

When used together with a compatible transmitter, the product forms a wireless audio transmission system. The product is compatible exclusively with the MONACOR products UF-20TB/5 and JSS-20/5. The product is designed for indoor use only and must not be used in damp or wet locations. The product may only be used within the permissible operating temperature range of 0 °C to 40 °C.

Intended use includes reading, understanding and following the instructions set out in this manual.

Any other use is expressly deemed to be unintended use.

## Basic safety instructions

### Preventing electric shock

- Do not use the product outdoors or in damp or wet locations.
- Connect the product only to a properly installed, earthed socket.
- Connect the product to an easily accessible socket so that it can be quickly disconnected from the mains if a fault occurs.
- Do not use the product in conjunction with an external timer or a separate remote control system.
- Do not place portable multi-way adaptors, extension cables or the power supply units belonging to other devices at the rear of the unit.
- Handle the mains cable only with dry hands.
- Do not kink or pinch the mains cable, route it over sharp edges or damage it in any other way.
- Route the mains cable such that it does not become a tripping hazard.
- Only use the product if the product itself, the mains plug and the mains cable are all in proper working order.

- If the product is to remain unused for an extended period of time, unplug the mains plug from the socket.
- Keep the product away from naked flames and hot surfaces.
- Never open the product's housing.
- Contact your local sales partner directly if a fault requiring repair occurs. The contact details can be found on the delivery note or invoice.
- Do not place any containers filled with liquid on the product.
- Disconnect the mains plug from the socket immediately if liquid comes into contact with any of the electrical components.

### Preventing hearing damage

Exposure to excessively high volumes can cause irreparable damage to your hearing.

▶ Avoid prolonged exposure to sound at maximum volume.

### Prevent environmental damage

- Dispose of the product and its components in accordance with the regulations in force at the place of use.

## Avoid material damage and malfunctions

### Preventing damage to the product

▶ Do not drop the product.

▶ Avoid impact loads.

### Preventing cable breakage

Incorrect handling of cables can cause damage.

- Always pull cables by the plug.
- Never disconnect a plug from a socket or connection point by pulling on the cable.
- Do not kink or crush cables.

### Preventing damage caused by incorrect cleaning

Cleaning with harsh cleaning agents can damage the unit.

- For light soiling, use only a soft cloth to clean the unit.
- For heavier soiling, use only mild cleaning agents. Test the cleaning agent on a concealed area first of all to ensure that it does not attack the housing components or buttons.

### Preventing damage to the unit due to improper repair

- Never open the unit's housing.
- Have the unit repaired exclusively by qualified personnel.

## Design features of the warnings

| **DANGER** | |
|---|---|
|  | **Notices marked DANGER warn of a hazardous situation that will result in death or serious injury.** |
| **WARNING** | |
|  | **Notices marked WARNING warn of a hazardous situation that may result in death or serious injury.** |
| **CAUTION** | |
|  | **Notices marked CAUTION warn of a situation that may result in minor or moderate injury.** |

## Design features of the notices regarding property damage

| ATTENTION | |
|---|---|
| | **These notices warn of a situation that will result in property damage or impaired functionality.** |

# Description

## Task and function

When used together with a compatible transmitter, the product forms a wireless audio transmission system. The product is compatible exclusively with the MONACOR products UF-20TB/5 and JSS-20/5.

The REMOSET® function sets the wireless microphone or pocket transmitter to the transmission frequency selected on the product at the touch of a button over a 2.4 GHz radio signal.

The product operates using True Diversity technology. The signal transmitted by the wireless microphone or pocket transmitter is received by two antennas and amplified in two separate receiver sections. The signal received more strongly at any given moment is then processed further. The range depends on local conditions and is at least 100 m in open areas.

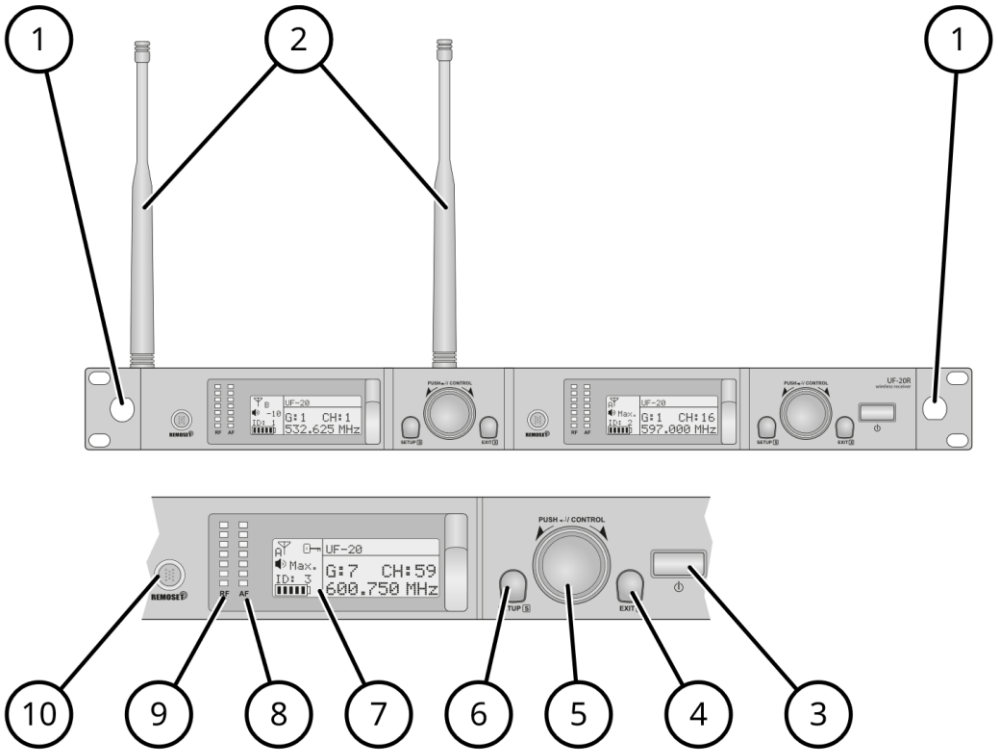
Up to 10 products can be connected to one another.

The product can be placed freely as a desktop unit.

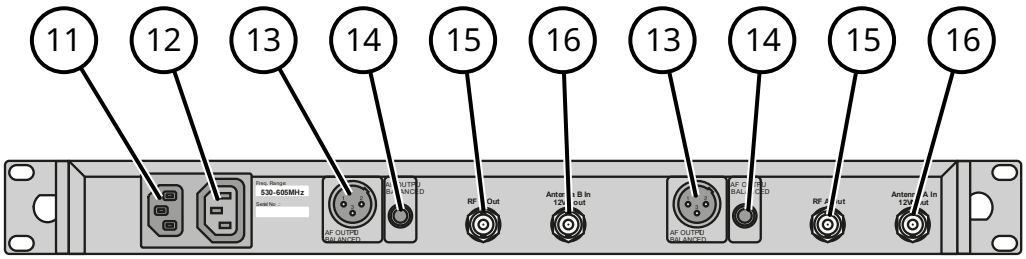
The product can be installed in a rack (482 mm / 19” wide). The product requires one rack unit (1 RU = 44.45 mm) of rack space.

The product has two receiver sections that are identical in terms of connections and operation. Only one receiver section is therefore described below.

# Product overview




| No. | Description |
|---|---|
| 1 | Mounting holes for the RTF-UF20 front-panel connector set |
| 2 | Receiving antennas |
| 3 | On/Off button |
| 4 | EXIT button, for exiting the menu or a submenu |
| 5 | PUSH / CONTROL knob, for navigating and selecting menu settings |
| 6 | SETUP button, for accessing the settings menu |
| 7 | Display |
| 8 | AF (audio frequency) indicator for the volume of the received audio signal |
| 9 | RF (radio frequency) indicator for the radio signal’s received signal strength |
| 10 | REMOSET button, for transmitting settings from the product to the wireless microphone or pocket transmitter |




| No. | Description |
|---|---|
| 11 | Power supply socket |
| 12 | Power supply socket for connecting an additional product |
| 13 | Audio output at line or microphone level (XLR, balanced, phantom power-proof) |
| 14 | Audio output at line level (6.3 mm jack, balanced) |
| 15 | Antenna signal output for connecting an additional product |
| 16 | BNC socket for the receiving antenna |

# Technical data

| | |
|---|---|
| Dimensions (W × H × D) | 480 mm × 45 mm × 260 mm |
| Weight | 2.9 kg |
| Carrier frequency range | 470–960 MHz |
| REMOSET frequency | 2.4 GHz |
| Audio frequency range | 50–18.000 Hz |
| Output level (XLR, balanced) | 10 mV (Mic)<br>Can be switched to 100 mV (Line) |
| Output level (6.3 mm jack, balanced) | 100 mV (Line) |
| Channels | 2 |
| Total harmonic distortion | < 0.5% |
| Dynamic range | > 108 dB |
| Operating temperature | 0–40 °C |
| Power supply | 100–240 V, 50–60 Hz, max. 25 VA |

# Storing and transporting the product

- Always transport the product in its original packaging.
- Store the product and its components in a dry place that is protected from direct sunlight.

# Setup

### Connecting the product

- Insert the two supplied antennas (2) into the antenna sockets (16) and position them vertically.
- Connect the power socket (11) to a mains socket using the supplied cable.

---

UB-900I antenna amplifiers can be connected in between to increase the range and interference immunity. The amplifiers are supplied with power via the product's antenna sockets *(see page 15)*.

The antennas on this product can also be mounted on the front panel using the RTF-UF20 socket set.

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- Insert the sockets through the mounting holes (1).
- Screw the sockets firmly in place.
- Connect the sockets to the antenna sockets (16) using the supplied extension cables.

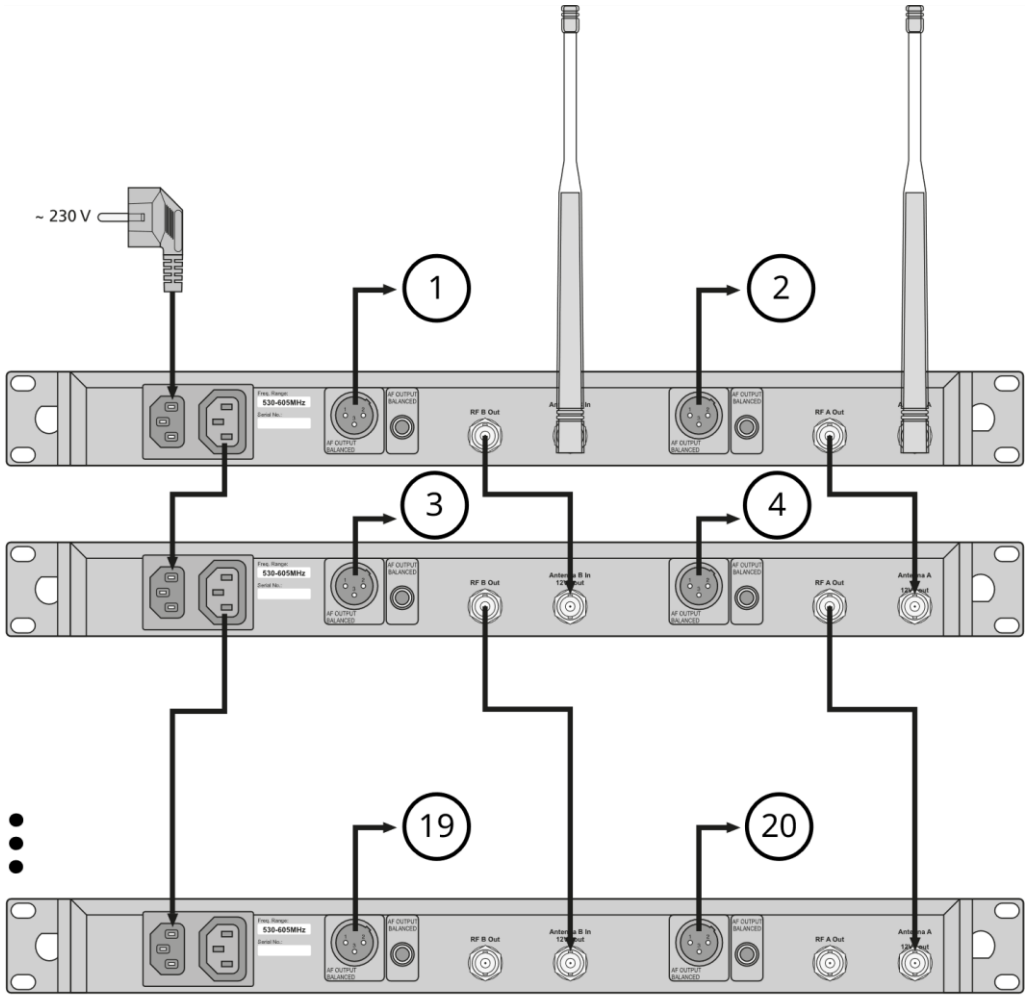
Two audio outputs are available for connection to a downstream device such as a mixing console or amplifier.

- XLR connector (13):
  Balanced output (phantom power-proof) for connection to a microphone input or a line input. The output level is switchable *(see page 15)*.
- 6.3 mm jack socket (14):
  Balanced output for connection to a line input.

### Connecting multiple products

The figure below shows how up to ten products can be interconnected.

Only two antennas and one mains cable are required for this. The two short connecting cables are supplied with the product.




| No. | Description |
|---|---|
| 1 | Audio channel 1 |
| 2 | Audio channel 2 |
| 3 | Audio channel 3 |
| 4 | Audio channel 4 |
| 19 | Audio channel 19 |
| 20 | Audio channel 20 |

# Operation

Switch on the product using the ⏻ button (10). The display (6) lights up orange during normal operation. The following causes are possible if the display lights up red and an error message appears periodically:

- ⚠ No Signal:
  The wireless microphone or pocket transmitter is switched off, or is operating on a different transmission frequency from the product *(see page 16)*.
- ⚠ Mic. Mute:
  The wireless microphone or pocket transmitter is muted (refer to its manual).
- ✉ The batteries in the wireless microphone or pocket transmitter are almost flat.

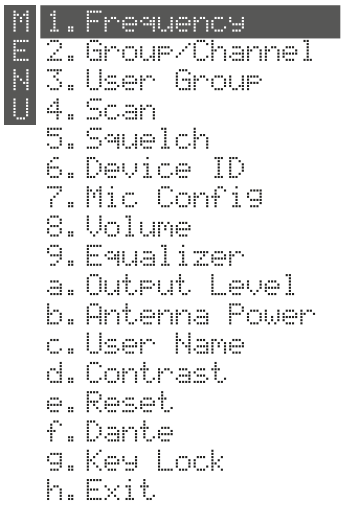
The display shows the following information during normal operation:

| Symbol | Description |
|---|---|
| | Indicates which of the two antennas (A or B) is receiving the stronger radio signal; 'X' is displayed if no signal is being received |
| | Key lock active |
| | Set audio output level<br>Mute, -50 ... -1, maximum |
| ID | Product identification number |
| | Battery status of the wireless microphone or pocket transmitter; the message MUTE is shown instead of the battery symbol if no signal is being received or the wireless microphone or pocket transmitter is muted |
| UF-20 | Device name, freely editable (10 characters) |
| G | Group number (1 ... 15) |
| CH | Channel number (1 ... 63) |
| MHz | Transmission frequency<br>(530.000 ... 605.000 MHz) |

▶ Press and hold the button (10) for two seconds until the display shows POWER OFF.

## Menu settings

All settings are made using a menu. The menu navigation is in English and cannot be changed.




- Press and hold the SETUP button (7) for two seconds until the menu appears on the display (6).

The active submenu is highlighted with a coloured background.

- Turn the PUSH / CONTROL knob (8) until the desired menu item is highlighted.
- Press the PUSH / CONTROL knob to open the highlighted submenu.
- Turn the PUSH / CONTROL knob to highlight the desired setting.
- When a submenu is opened, the currently active setting is highlighted. Turn the PUSH / CONTROL knob to highlight the desired setting.
- Press the PUSH / CONTROL knob to open the desired setting.
- If a submenu has several possible settings – for example, group number and channel number – pressing the knob switches from one function to the next.
- Press the SETUP button to save a setting.

The display briefly shows SAVING, then the main menu reappears.

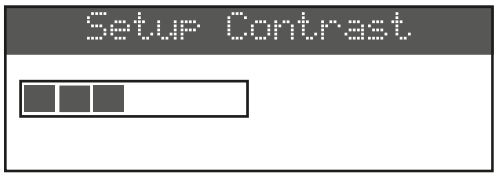
- Press the EXIT button (9) to exit a menu item without making any changes.

The main menu is displayed again.

- Press the EXIT button or select the ‘h. Exit’ menu item.
- Press the PUSH / CONTROL knob to exit the main menu.

## Basic settings

The contrast setting can be changed in the ‘d. Contrast’ menu.




- Turn the PUSH / CONTROL knob to adjust the contrast.
- Save the setting by pressing the SETUP button.

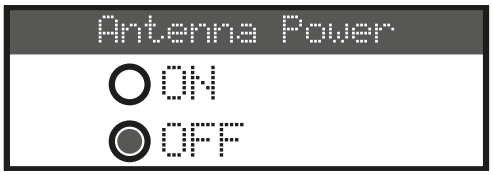
The main menu is displayed again.

- Press the EXIT button or select the ‘h. Exit’ menu item.
- Press the PUSH / CONTROL knob to exit the main menu.

The output level for the XLR connection (14) can be set coarsely using the ‘a. Output Level’ menu item (line or microphone level).




The antenna inputs are configured ex-works to supply a 12 V operating voltage for antenna amplifiers (e.g. UB-900I). If no antenna amplifier is being used, the 12 V operating voltage should be switched off using the ‘b. Antenna Power’ menu item.




A device name (max. 10 characters) that is then shown on the display can be entered for the product in the ‘c. User Name’ menu item.

This makes it easy to distinguish between and assign individual pairs during operation with multiple microphone/receiver pairs.

Once the ‘User Name’ menu item is open, the first character position is selected.



- ▶ Turn the PUSH / CONTROL knob until the desired character is highlighted.
- ▶ Press the PUSH / CONTROL knob to jump to the next character position.
- ▶ Save the name by pressing the SETUP button.

The main menu is displayed again.

## Restoring the factory settings (Reset)

- ▶ Select the menu item ‘e. Reset’ to reset the product to its factory settings.

A notice is displayed, stating that all stored data will be deleted.




- ▶ Press the EXIT button to cancel the process.
- ▶ Press and hold the SETUP button for 2 seconds until Erasing ... is displayed to reset the product to its factory settings.

## Setting the transmission frequency

Keep the associated wireless microphone (JSS-20/5) or pocket transmitter (UF-20TB / 5) switched off for now and set the product to an interference-free transmission frequency first of all. There are several ways to do this:

- The transmission frequency can be set manually between 530.000 MHz and 605.000 MHz *(see page* 17).
- For simultaneous operation of multiple audio transmission systems *(see page* 17), up to 63 channels per group are arranged across 15 groups *(see page 29)*. Under optimum conditions, all channels within a group can be used simultaneously for audio transmission. The scan function can be used to identify which channels are currently being used by other systems *(see page* 18). These channels are then skipped when selected.
- Preferred frequencies can also be saved in six custom groups *(see page* 20) – for example, for operating multiple audio transmission systems across different venues.

### Setting the frequency manually

- Highlight the ‘1. Frequency’ menu item and press the PUSH / CONTROL knob to access the frequency settings.




- Turn the PUSH / CONTROL knob to set the frequency in increments of 1 MHz.
- For precise setting in increments of 0.025 MHz, press the PUSH / CONTROL knob so that the digits after the decimal point are highlighted.
- Turn the PUSH / CONTROL knob.

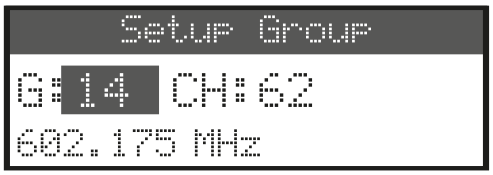
If the frequency matches that of a channel in a group, the group and channel number are shown in the line below.

- Press the SETUP button to save the set frequency.

### Selecting a frequency from a group

To operate multiple audio transmission systems simultaneously, select frequencies from one of the 15 groups.

- Highlight the ‘2. Group/Channel’ menu item and press the PUSH / CONTROL knob to access the group and channel selection.




- Turn the PUSH / CONTROL knob to select the group.
- Press the PUSH / CONTROL knob so that the channel number is highlighted.
- Turn the PUSH / CONTROL knob to select the channel.

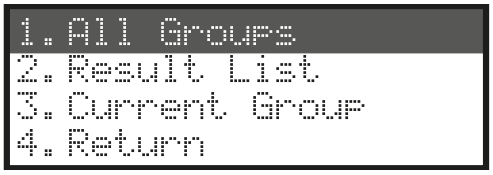
The corresponding receive frequency is shown in the line below.

- Press the SETUP button to save the settings.

### Scan function

Before selecting a transmission channel, the scan function automatically checks whether other transmission systems are transmitting on the product's channels. Occupied channels are skipped when selected.

- Highlight the '4. Scan' menu item and press the PUSH / CONTROL knob to open the scan selection menu.




Either all channels in all groups can be scanned, or only the channels in a single group *(see page 29)*.

*Scanning all channels*

- Highlight the '1. All Groups' menu item.
- Press the PUSH / CONTROL knob.




- Press the PUSH / CONTROL knob or the SETUP button to start the scan.

The display shows Scanning... %.

The process can be cancelled at any time.

- Press the EXIT button to cancel.

Once scanning is complete, the results list showing all of the free channels is displayed.




Group 1 is selected. The line below shows the number of free channels – in this case, 16 channels. Group 1 has 20 channels in total, so 4 channels are occupied.

- ▶ Turn the PUSH / CONTROL knob to select one of the 15 groups.
- ▶ Press the PUSH / CONTROL knob to select a free channel.

The channel number is highlighted. Occupied channels are skipped when the knob is turned.

- ▶ Press the SETUP button to save the selected channel for receiving.

*Scanning channels in a group*

- ▶ Highlight the ‘4. Scan’ menu item and press the PUSH / CONTROL knob to open the scan selection menu.




- ▶ Turn the PUSH / CONTROL knob to select the ‘3. Current Group’ menu item.
- ▶ Press the PUSH / CONTROL knob.




- ▶ Turn the PUSH / CONTROL knob to select the group.

Scanning a group always begins with the first channel, which is selected automatically.

- ▶ Press the PUSH / CONTROL button to check the first channel.

If the channel is free, the display shows ‘OK’ next to the channel number after the check. If the channel is occupied, it is skipped and the next free channel is displayed.

- ▶ Press the PUSH / CONTROL knob to check the next channel.
- ▶ Press the SETUP button to save the selected channel for receiving.

### Saving preferred frequencies

Up to 64 preferred frequencies can be saved in each of the six custom groups.

- Highlight the ‘3. User Group’ menu item and press the PUSH / CONTROL knob to open the following submenu.




- Press the PUSH / CONTROL knob to open the following settings menu.




- Turn the PUSH / CONTROL knob to select the group that the frequency is to be saved under.
- Press the PUSH / CONTROL knob to select the channel number.
- Turn the PUSH / CONTROL knob to select the channel number that the frequency is to be saved under.
- Press the PUSH / CONTROL knob so that the digits before the decimal point in the line below are selected.
- Turn the PUSH / CONTROL knob to set the transmission frequency in increments of 1 MHz.
- Press the PUSH / CONTROL knob so that the digits after the decimal point in the line below are selected.
- Turn the PUSH / CONTROL knob to set the transmission frequency in increments of 0.025 MHz.
- Press the SETUP button to save the selected frequency.

*Accessing a channel from a custom group*

Channels from custom groups are accessed using the ‘2. Group/Channel’ menu item.

Custom groups are identified by the letter U before the group number. Turning the PUSH / CONTROL knob clockwise displays them after Group 15. Turning it anticlockwise displays them before Group 1.

*Deleting a custom group*

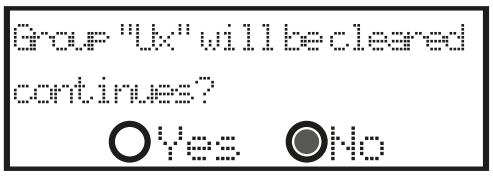
- Highlight the ‘3. User Group’ menu item and press the PUSH / CONTROL knob to open the following submenu.




- Turn the PUSH / CONTROL knob to select the second menu item, ‘Clear Group’.
- Press the PUSH / CONTROL knob to open the following settings menu.




- Turn the PUSH / CONTROL knob to select the group to be deleted.
- Press the PUSH / CONTROL knob.
- Turn the PUSH / CONTROL knob anticlockwise to select ‘Yes’.
- Press the PUSH / CONTROL knob to delete the group.
- Press the EXIT button to cancel the deletion process.




**REMOSET function**

*Transmitting settings to the transmitter*

Once the transmission frequency, group and transmission channel have been set on the product, the REMOSET function transmits these settings to the associated transmitter (wireless microphone or pocket transmitter) at the touch of a button. The following conditions must be met:

- Neither the product nor the transmitter must have a menu open.
- The transmitter must be switched on and in the vicinity of the product (REMOSET transmission range approx. 10 m).
- The REMOSET function must not be locked on the transmitter – refer to the transmitter’s manual.

- The transmitter must be set to the same identification number as the product.
- Neither the product nor the transmitter must be locked.
- The transmitter must not be muted.

*Setting the identification number*

Each transmitter/product pair must be assigned a different identification number (ID no.) so that the individual pairs do not interfere with one another during the REMOSET transmission.

If only one transmitter/product pair is being used, the default ID no. 1 can be retained.

▶ Highlight the ‘6. Device ID’ menu item and press the PUSH / CONTROL knob to access the ID no. setting.




▶ Turn the PUSH / CONTROL knob to set the ID no.

▶ Press the SETUP button to save the setting.

▶ Press the EXIT button to hide the main menu.

▶ Set the same ID no. on the transmitter.

*Using the REMOSET transmission function*

▶ Press the REMOSET button (3).

The button flashes rapidly during the REMOSET transmission. As soon as the associated transmitter has been configured, the button lights up continuously.

If the button starts flashing more slowly after approximately 15 seconds, the transmitter could not be configured automatically.

The flashing can be stopped by pressing the EXIT button.

Troubleshooting:

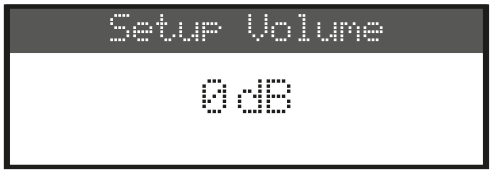
▶ Check that all conditions for the transmission have been met *(see page* 21).

▶ Check the transmitter settings and correct them if necessary.

▶ Press the REMOSET button again.

## Setting the output volume

Precision setting of the volume for both audio outputs (13 and 14) is performed jointly using the ‘8. Volume’ menu item.




To achieve a high signal-to-noise ratio, set the microphone sensitivity on the wireless microphone or pocket transmitter as high as possible and the volume on the product correspondingly lower.

## Equalizer

▶ Highlight the ‘9. Equalizer’ menu item and press the PUSH / CONTROL knob to attenuate low frequencies or boost high frequencies.



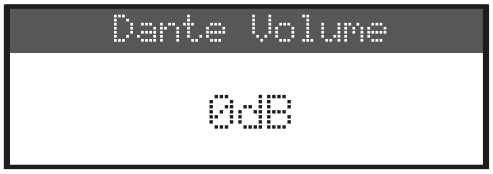

▶ Turn the PUSH / CONTROL knob to select the setting.

| Symbol | Description |
|---|---|
| — | No effect |
| ⌒ | Bass attenuated |
| ⁀ | Treble boosted |
| ⌒⁀ | Bass attenuated and treble boosted |

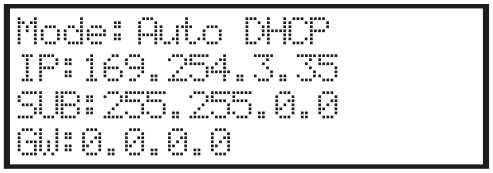
▶ Press the SETUP button to save the setting.

## Dante

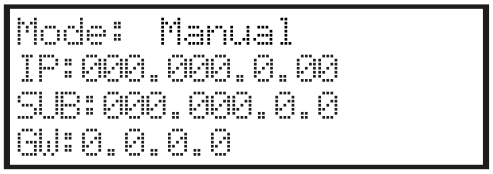
- Highlight the ‘f. Dante’ menu item and press the PUSH / CONTROL knob to set the volume in the ‘Volume’ submenu.




- Turn the PUSH / CONTROL knob to change the volume setting.
- Press the SETUP button to save the set value.
- Highlight the ‘f. Dante’ menu item and press the PUSH / CONTROL knob to change the network setting in the ‘Network’ submenu.




- Press the PUSH / CONTROL knob to switch between ‘DHCP’ and ‘Manual’.




- In ‘Manual’ mode, press the PUSH / CONTROL knob to move to the next field.
- Turn the PUSH / CONTROL knob to enter the values.
- Press the SETUP button to save the set values.

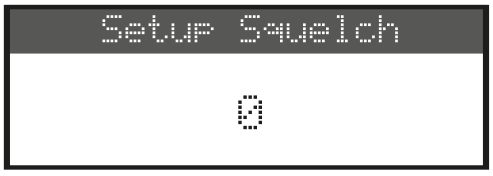
## Squelch

The squelch function mutes the product when interference signals below an adjustable threshold are received during pauses in speech or singing.

A higher threshold also reduces the transmission range, as the product is muted whenever the transmitter’s radio signal strength falls below the set threshold.

Use a higher threshold when reception is good. Use a lower value when the distance between the transmitter and the product is greater.

- Highlight the ‘5. Squelch’ menu item and press the PUSH / CONTROL knob to access the squelch settings.




▶ Turn the PUSH / CONTROL knob to set the threshold.

| | |
|---|---|
| 0 | Default setting |
| 1 ... +10 | When reception is good |
| -1 ... -5 | When the distance is greater |

▶ Press the SETUP button to save the setting.

## Configuring transmitter settings from the product

The following settings for the transmitter (JSS-20/5 wireless microphone or UF-20TB/5 pocket transmitter) can be made from the product using the '7. Mic. Config' menu item:

| **Submenu item** | **Setting** | **JSS-20/5** | **UF-20TB/5** |
|---|---|---|---|
| Sensitivity | Microphone sensitivity | X | X |
| Attenuate | Reduce sensitivity by an additional 20 dB | — | X |
| LowCut | Low-cut filter on/off | X | X |
| RF Power | Transmitting power 10/50 mW | X | X |
| KeyLock | Key lock on/off | X | X |
| Remoset Config | Select transmission settings | X | X |

▶ Turn the PUSH / CONTROL knob to select the setting function.

▶ Press the PUSH / CONTROL knob.

▶ Turn the PUSH / CONTROL knob to change the setting.

▶ Press the PUSH / CONTROL knob to save the setting.

▶ In the 'Remoset Config' menu item, select the settings to be transmitted to the transmitter using the REMOSET function.

▶ Press the PUSH / CONTROL knob to select or deselect the function.

| Symbol | Description |
|---|---|
| ◉ | Setting will be transmitted |
| ☐ | Setting will not be transmitted |

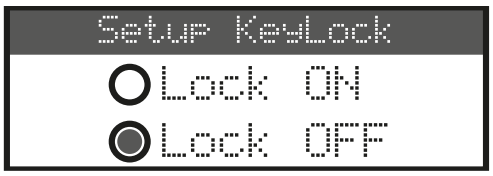
▶ Press the REMOSET button to transmit the settings.

## Key lock

A key lock can be activated to protect the product against accidental adjustment.

*Activating the key lock*

▶ Highlight the ‘g. Key Lock’ menu item and press the PUSH / CONTROL knob to access the lock function.




▶ Turn the PUSH / CONTROL knob to activate the lock.

▶ Press the SETUP button to save the setting.

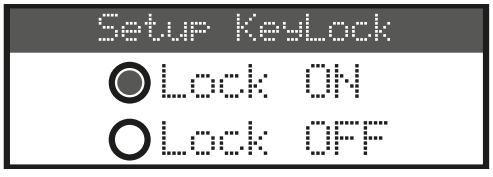
The message below appears when any button on the product is pressed.




The 🗝 symbol appears on the display when the lock is active and the menu is hidden.

*Deactivating the key lock*

▶ Press and hold the SETUP button for 2 seconds to open the ‘Setup KeyLock’ menu.




▶ Turn the PUSH / CONTROL knob to deactivate the lock.

▶ Press the SETUP button to save the setting.

# Disposal

The outer packaging is recyclable.

- Dispose of packaging materials at the end of their service life in accordance with the regulations applicable in your country or at your location.



Electrical and electronic equipment marked with this symbol must not be disposed of together with household waste. Such equipment may contain hazardous substances that are harmful to the environment.

- Dispose of the product in accordance with the regulations applicable in your country or at your location.
- Contact your local authorities or your dealer if you have any further questions or require further information about disposing of your product.

# Declarations of conformity

The product complies with Directive 2014/53/EU.

The EU Declaration of Conformity is available at:
https://www.jts-europe.de

The 530–605 MHz frequency range that the product operates within has been generally allocated in Germany for the professional use of wireless microphones.

Operation of the products in Germany requires no registration and is free of charge. Further information can be found at:
https://www.bundesnetzagentur.de/vfg34

At the time of publication, there are restrictions or special requirements in place in the following countries:

- Czechia
- Greece
- Finland
- France
- Italy
- Lithuania
- Malta
- Poland

▶ Always comply with the regulations of the country that you are using the products in.

▶ Before operating the products outside of Germany, contact the MONACOR subsidiary or the relevant authority in the country in question.

Links to the national authorities can be found at the following web address:
https://www.cept.org > ECC > Topics > Other spectrum topics: SRD Regulations and indicative list of equipment subclasses > EFIS and National Frequency Tables

# Transmission frequencies

| Group 1 | | Group 2 | | Group 3 | | Group 4 | |
|---|---|---|---|---|---|---|---|
| CH 1 | 532.625 | CH 1 | 530.375 | CH 1 | 531.250 | CH 1 | 531.500 |
| CH 2 | 535.500 | CH 2 | 531.875 | CH 2 | 535.250 | CH 2 | 532.375 |
| CH 3 | 539.000 | CH 3 | 535.375 | CH 3 | 536.750 | CH 3 | 533.375 |
| CH 4 | 541.000 | CH 4 | 537.625 | CH 4 | 544.750 | CH 4 | 534.250 |
| CH 5 | 546.125 | CH 5 | 538.375 | CH 5 | 546.125 | CH 5 | 535.375 |
| CH 6 | 550.500 | CH 6 | 539.500 | CH 6 | 553.000 | CH 6 | 536.250 |
| CH 7 | 553.500 | CH 7 | 546.125 | CH 7 | 554.625 | CH 7 | 536.750 |
| CH 8 | 558.125 | CH 8 | 552.500 | CH 8 | 559.000 | CH 8 | 537.500 |
| CH 9 | 562.375 | CH 9 | 558.125 | CH 9 | 560.250 | CH 9 | 538.500 |
| CH 10 | 564.250 | CH 10 | 561.375 | CH 10 | 562.125 | CH 10 | 539.000 |
| CH 11 | 565.125 | CH 11 | 568.750 | CH 11 | 573.625 | CH 11 | 539.875 |
| CH 12 | 569.125 | CH 12 | 572.750 | CH 12 | 579.750 | CH 12 | 540.875 |
| CH 13 | 574.750 | CH 13 | 579.000 | CH 13 | 583.375 | CH 13 | 541.375 |
| CH 14 | 576.375 | CH 14 | 582.375 | CH 14 | 586.375 | CH 14 | 542.125 |
| CH 15 | 593.625 | CH 15 | 589.500 | CH 15 | 589.750 | CH 15 | 543.875 |
| CH 16 | 597.000 | CH 16 | 590.500 | CH 16 | 595.125 | CH 16 | 544.750 |
| CH 17 | 601.500 | CH 17 | 595.625 | CH 17 | 595.625 | CH 17 | 545.875 |
| CH 18 | 603.000 | CH 18 | 600.375 | CH 18 | 598.375 | CH 18 | 547.625 |
| CH 19 | 603.625 | CH 19 | 602.375 | CH 19 | 600.125 | CH 19 | 549.125 |
| CH 20 | 604.750 | CH 20 | 604.000 | CH 20 | 600.875 | CH 20 | 550.750 |
| | | CH 21 | 604.875 | CH 21 | 603.000 | CH 21 | 551.750 |
| | | | | | | CH 22 | 552.875 |
| | | | | | | CH 23 | 553.375 |
| | | | | | | CH 24 | 554.500 |
| | | | | | | CH 25 | 556.500 |
| | | | | | | CH 26 | 557.000 |
| | | | | | | CH 27 | 558.625 |
| | | | | | | CH 28 | 561.750 |
| | | | | | | CH 29 | 562.375 |
| | | | | | | CH 30 | 567.875 |
| | | | | | | CH 31 | 568.375 |
| | | | | | | CH 32 | 569.375 |
| | | | | | | CH 33 | 569.875 |
| | | | | | | CH 34 | 573.500 |
| | | | | | | CH 35 | 575.375 |
| | | | | | | CH 36 | 576.875 |
| | | | | | | CH 37 | 579.000 |

| Group 1 | | Group 2 | | Group 3 | | Group 4 | |
|---|---|---|---|---|---|---|---|
| | | | | | | CH 38 | 579.500 |
| | | | | | | CH 39 | 580.375 |
| | | | | | | CH 40 | 583.750 |
| | | | | | | CH 41 | 584.750 |
| | | | | | | CH 42 | 589.125 |
| | | | | | | CH 43 | 587.375 |
| | | | | | | CH 44 | 587.875 |
| | | | | | | CH 45 | 592.250 |
| | | | | | | CH 46 | 593.000 |
| | | | | | | CH 47 | 594.750 |
| | | | | | | CH 48 | 595.500 |
| | | | | | | CH 49 | 600.625 |

| Group 5 | | Group 6 | | Group 7 | | Group 8 | |
|---|---|---|---|---|---|---|---|
| CH 1 | 531.225 | CH 1 | 531.225 | CH 1 | 531.825 | CH 1 | 531.975 |
| CH 2 | 532.050 | CH 2 | 532.575 | CH 2 | 533.025 | CH 2 | 533.025 |
| CH 3 | 532.575 | CH 3 | 533.250 | CH 3 | 533.925 | CH 3 | 533.850 |
| CH 4 | 533.175 | CH 4 | 534.900 | CH 4 | 534.750 | CH 4 | 534.600 |
| CH 5 | 533.850 | CH 5 | 535.425 | CH 5 | 535.875 | CH 5 | 535.275 |
| CH 6 | 534.600 | CH 6 | 537.150 | CH 6 | 537.375 | CH 6 | 536.025 |
| CH 7 | 535.500 | CH 7 | 537.975 | CH 7 | 537.900 | CH 7 | 538.050 |
| CH 8 | 536.700 | CH 8 | 538.500 | CH 8 | 539.625 | CH 8 | 539.100 |
| CH 9 | 538.125 | CH 9 | 539.100 | CH 9 | 540.150 | CH 9 | 540.300 |
| CH 10 | 539.625 | CH 10 | 540.375 | CH 10 | 541.500 | CH 10 | 542.100 |
| CH 11 | 540.375 | CH 11 | 541.125 | CH 11 | 542.475 | CH 11 | 543.150 |
| CH 12 | 541.575 | CH 12 | 542.175 | CH 12 | 543.225 | CH 12 | 543.750 |
| CH 13 | 542.850 | CH 13 | 542.850 | CH 13 | 544.050 | CH 13 | 545.550 |
| CH 14 | 544.725 | CH 14 | 544.125 | CH 14 | 544.575 | CH 14 | 548.100 |
| CH 15 | 545.775 | CH 15 | 546.225 | CH 15 | 545.175 | CH 15 | 549.150 |
| CH 16 | 547.725 | CH 16 | 546.750 | CH 16 | 546.450 | CH 16 | 549.975 |
| CH 17 | 548.625 | CH 17 | 548.025 | CH 17 | 547.350 | CH 17 | 550.500 |
| CH 18 | 550.425 | CH 18 | 549.075 | CH 18 | 548.100 | CH 18 | 551.100 |
| CH 19 | 551.025 | CH 19 | 550.500 | CH 19 | 548.775 | CH 19 | 551.775 |
| CH 20 | 552.675 | CH 20 | 551.175 | CH 20 | 549.375 | CH 20 | 552.525 |
| CH 21 | 553.200 | CH 21 | 552.225 | CH 21 | 549.900 | CH 21 | 553.425 |
| CH 22 | 554.625 | CH 22 | 554.100 | CH 22 | 552.075 | CH 22 | 554.625 |
| CH 23 | 555.225 | CH 23 | 555.225 | CH 23 | 552.675 | CH 23 | 555.675 |
| CH 24 | 557.100 | CH 24 | 556.575 | CH 24 | 553.875 | CH 24 | 558.675 |
| CH 25 | 558.075 | CH 25 | 557.475 | CH 25 | 555.900 | CH 25 | 559.350 |
| CH 26 | 559.725 | CH 26 | 558.000 | CH 26 | 556.500 | CH 26 | 559.875 |
| CH 27 | 560.400 | CH 27 | 560.025 | CH 27 | 558.750 | CH 27 | 562.425 |
| CH 28 | 561.900 | CH 28 | 561.525 | CH 28 | 560.025 | CH 28 | 563.325 |
| CH 29 | 562.575 | CH 29 | 562.950 | CH 29 | 562.350 | CH 29 | 564.375 |
| CH 30 | 563.025 | CH 30 | 563.625 | CH 30 | 563.250 | CH 30 | 564.900 |
| CH 31 | 565.800 | CH 31 | 564.975 | CH 31 | 564.075 | CH 31 | 565.650 |
| CH 32 | 566.625 | CH 32 | 565.800 | CH 32 | 566.100 | CH 32 | 567.675 |
| CH 33 | 567.150 | CH 33 | 566.700 | CH 33 | 566.700 | CH 33 | 568.575 |
| CH 34 | 568.350 | CH 34 | 567.525 | CH 34 | 567.525 | CH 34 | 570.750 |
| CH 35 | 570.300 | CH 35 | 568.500 | CH 35 | 569.175 | CH 35 | 571.725 |
| CH 36 | 571.650 | CH 36 | 570.000 | CH 36 | 569.700 | CH 36 | 572.850 |
| CH 37 | 572.700 | CH 37 | 572.325 | CH 37 | 571.350 | CH 37 | 573.900 |
| CH 38 | 574.200 | CH 38 | 573.750 | CH 38 | 572.475 | CH 38 | 574.500 |

| Group 5 | | Group 6 | | Group 7 | | Group 8 | |
|---|---|---|---|---|---|---|---|
| CH 39 | 575.325 | CH 39 | 575.100 | CH 39 | 574.500 | CH 39 | 576.825 |
| CH 40 | 576.000 | CH 40 | 575.775 | CH 40 | 576.225 | CH 40 | 577.725 |
| CH 41 | 576.900 | CH 41 | 576.675 | CH 41 | 577.275 | CH 41 | 578.850 |
| CH 42 | 577.725 | CH 42 | 578.550 | CH 42 | 578.475 | CH 42 | 580.575 |
| CH 43 | 579.150 | CH 43 | 579.750 | CH 43 | 580.275 | CH 43 | 581.400 |
| CH 44 | 579.900 | CH 44 | 580.725 | CH 44 | 581.250 | CH 44 | 582.450 |
| CH 45 | 580.800 | CH 45 | 582.975 | CH 45 | 583.350 | CH 45 | 584.025 |
| CH 46 | 581.850 | CH 46 | 584.175 | CH 46 | 584.250 | CH 46 | 585.525 |
| CH 47 | 584.250 | CH 47 | 584.925 | CH 47 | 585.975 | CH 47 | 586.500 |
| CH 48 | 586.050 | CH 48 | 586.275 | CH 48 | 586.500 | CH 48 | 588.225 |
| CH 49 | 586.725 | CH 49 | 587.325 | CH 49 | 587.475 | CH 49 | 590.175 |
| CH 50 | 587.550 | CH 50 | 588.225 | CH 50 | 588.300 | CH 50 | 590.775 |
| CH 51 | 589.275 | CH 51 | 588.900 | CH 51 | 590.325 | CH 51 | 591.900 |
| CH 52 | 590.700 | CH 52 | 590.325 | CH 52 | 591.525 | CH 52 | 592.650 |
| CH 53 | 592.350 | CH 53 | 591.375 | CH 53 | 592.125 | CH 53 | 594.075 |
| CH 54 | 593.325 | CH 54 | 591.900 | CH 54 | 594.075 | CH 54 | 594.750 |
| CH 55 | 594.225 | CH 55 | 594.225 | CH 55 | 595.275 | CH 55 | 595.650 |
| CH 56 | 595.650 | CH 56 | 595.125 | CH 56 | 596.100 | CH 56 | 597.675 |
| CH 57 | 596.250 | CH 57 | 596.400 | CH 57 | 597.375 | CH 57 | 598.575 |
| CH 58 | 598.050 | CH 58 | 596.925 | CH 58 | 599.925 | CH 58 | 599.550 |
| CH 59 | 598.725 | CH 59 | 597.750 | CH 59 | 600.750 | CH 59 | 601.050 |
| CH 60 | 600.300 | CH 60 | 599.175 | CH 60 | 601.950 | CH 60 | 601.725 |
| CH 61 | 601.425 | CH 61 | 600.300 | CH 61 | 602.850 | | |
| CH 62 | 602.175 | CH 62 | 601.725 | | | | |
| | | CH 63 | 602.400 | | | | |

| Group 9 | | Group 10 | | Group 11 | | Group 12 | |
|---|---|---|---|---|---|---|---|
| CH 1 | 531.525 | CH 1 | 532.125 | CH 1 | 532.275 | CH 1 | 531.975 |
| CH 2 | 532.800 | CH 2 | 533.250 | CH 2 | 533.250 | CH 2 | 532.650 |
| CH 3 | 533.775 | CH 3 | 533.850 | CH 3 | 533.775 | CH 3 | 533.475 |
| CH 4 | 535.050 | CH 4 | 534.825 | CH 4 | 534.825 | CH 4 | 534.675 |
| CH 5 | 536.250 | CH 5 | 536.025 | CH 5 | 535.575 | CH 5 | 535.575 |
| CH 6 | 537.750 | CH 6 | 537.675 | CH 6 | 537.675 | CH 6 | 536.550 |
| CH 7 | 538.350 | CH 7 | 538.725 | CH 7 | 538.200 | CH 7 | 537.825 |
| CH 8 | 540.300 | CH 8 | 539.550 | CH 8 | 539.550 | CH 8 | 539.025 |
| CH 9 | 541.200 | CH 9 | 541.350 | CH 9 | 541.275 | CH 9 | 540.375 |
| CH 10 | 541.800 | CH 10 | 541.875 | CH 10 | 542.775 | CH 10 | 542.700 |
| CH 11 | 543.450 | CH 11 | 543.525 | CH 11 | 543.975 | CH 11 | 543.225 |
| CH 12 | 544.500 | CH 12 | 544.425 | CH 12 | 544.725 | CH 12 | 544.350 |
| CH 13 | 545.325 | CH 13 | 546.000 | CH 13 | 545.250 | CH 13 | 545.850 |
| CH 14 | 546.300 | CH 14 | 546.525 | CH 14 | 547.125 | CH 14 | 548.025 |
| CH 15 | 547.650 | CH 15 | 547.425 | CH 15 | 548.550 | CH 15 | 549.975 |
| CH 16 | 549.375 | CH 16 | 548.775 | CH 16 | 549.675 | CH 16 | 550.500 |
| CH 17 | 550.050 | CH 17 | 550.200 | CH 17 | 550.650 | CH 17 | 551.850 |
| CH 18 | 551.550 | CH 18 | 550.800 | CH 18 | 551.325 | CH 18 | 554.325 |
| CH 19 | 552.225 | CH 19 | 552.075 | CH 19 | 551.925 | CH 19 | 555.900 |
| CH 20 | 555.150 | CH 20 | 553.650 | CH 20 | 553.800 | CH 20 | 557.400 |
| CH 21 | 555.975 | CH 21 | 554.850 | CH 21 | 555.975 | CH 21 | 558.075 |
| CH 22 | 556.500 | CH 22 | 556.575 | CH 22 | 557.775 | CH 22 | 558.825 |
| CH 23 | 557.100 | CH 23 | 557.250 | CH 23 | 558.300 | CH 23 | 559.875 |
| CH 24 | 558.375 | CH 24 | 558.375 | CH 24 | 559.200 | CH 24 | 561.525 |
| CH 25 | 559.425 | CH 25 | 559.425 | CH 25 | 560.850 | CH 25 | 562.875 |
| CH 26 | 560.175 | CH 26 | 559.950 | CH 26 | 561.450 | CH 26 | 565.050 |
| CH 27 | 560.850 | CH 27 | 561.150 | CH 27 | 562.125 | CH 27 | 565.575 |
| CH 28 | 561.825 | CH 28 | 561.825 | CH 28 | 562.650 | CH 28 | 566.250 |
| CH 29 | 563.100 | CH 29 | 562.575 | CH 29 | 564.000 | CH 29 | 567.075 |
| CH 30 | 564.450 | CH 30 | 563.475 | CH 30 | 566.250 | CH 30 | 568.500 |
| CH 31 | 565.500 | CH 31 | 564.750 | CH 31 | 567.300 | CH 31 | 569.550 |
| CH 32 | 566.925 | CH 32 | 565.350 | CH 32 | 568.125 | CH 32 | 570.900 |
| CH 33 | 567.750 | CH 33 | 565.875 | CH 33 | 568.650 | CH 33 | 572.175 |
| CH 34 | 568.425 | CH 34 | 566.700 | CH 34 | 569.250 | CH 34 | 573.150 |
| CH 35 | 568.950 | CH 35 | 569.400 | CH 35 | 570.525 | CH 35 | 573.825 |
| CH 36 | 571.125 | CH 36 | 570.450 | CH 36 | 571.425 | CH 36 | 574.575 |
| CH 37 | 572.475 | CH 37 | 572.550 | CH 37 | 572.175 | CH 37 | 575.625 |
| CH 38 | 574.125 | CH 38 | 574.800 | CH 38 | 572.850 | CH 38 | 576.900 |

| Group 9 | | Group 10 | | Group 11 | | Group 12 | |
|---|---|---|---|---|---|---|---|
| CH 39 | 575.175 | CH 39 | 576.000 | CH 39 | 573.450 | CH 39 | 577.500 |
| CH 40 | 575.925 | CH 40 | 576.525 | CH 40 | 574.875 | CH 40 | 578.025 |
| CH 41 | 576.600 | CH 41 | 577.350 | CH 41 | 577.425 | CH 41 | 578.850 |
| CH 42 | 578.100 | CH 42 | 578.925 | CH 42 | 578.550 | CH 42 | 581.775 |
| CH 43 | 579.675 | CH 43 | 579.600 | CH 43 | 579.150 | CH 43 | 582.450 |
| CH 44 | 581.775 | CH 44 | 581.100 | CH 44 | 581.925 | CH 44 | 583.950 |
| CH 45 | 583.500 | CH 45 | 581.700 | CH 45 | 583.125 | CH 45 | 584.625 |
| CH 46 | 584.025 | CH 46 | 583.350 | CH 46 | 583.800 | CH 46 | 586.350 |
| CH 47 | 585.600 | CH 47 | 585.450 | CH 47 | 585.825 | CH 47 | 587.700 |
| CH 48 | 588.150 | CH 48 | 586.500 | CH 48 | 588.000 | CH 48 | 588.675 |
| CH 49 | 589.650 | CH 49 | 587.925 | CH 49 | 589.575 | CH 49 | 589.500 |
| CH 50 | 590.775 | CH 50 | 588.675 | CH 50 | 590.775 | CH 50 | 590.550 |
| CH 51 | 591.300 | CH 51 | 590.625 | CH 51 | 591.750 | CH 51 | 592.200 |
| CH 52 | 593.625 | CH 52 | 592.725 | CH 52 | 592.650 | CH 52 | 592.800 |
| CH 53 | 594.975 | CH 53 | 593.775 | CH 53 | 593.625 | CH 53 | 593.700 |
| CH 54 | 595.725 | CH 54 | 594.525 | CH 54 | 594.900 | CH 54 | 595.650 |
| CH 55 | 597.450 | CH 55 | 595.575 | CH 55 | 596.100 | CH 55 | 596.250 |
| CH 56 | 598.425 | CH 56 | 596.550 | CH 56 | 597.975 | CH 56 | 597.750 |
| CH 57 | 599.325 | CH 57 | 597.600 | CH 57 | 598.650 | CH 57 | 598.950 |
| CH 58 | 600.525 | CH 58 | 599.175 | CH 58 | 599.175 | CH 58 | 600.225 |
| CH 59 | 601.350 | CH 59 | 600.225 | CH 59 | 600.750 | CH 59 | 601.200 |
| CH 60 | 602.025 | CH 60 | 601.725 | CH 60 | 601.875 | CH 60 | 602.475 |
| | | CH 61 | 602.400 | | | | |

| Group 13 | | Group 14 | | Group 15 | |
|---|---|---|---|---|---|
| CH 1 | 532.275 | CH 1 | 531.150 | CH 1 | 531.600 |
| CH 2 | 532.950 | CH 2 | 532.050 | CH 2 | 532.275 |
| CH 3 | 534.450 | CH 3 | 533.250 | CH 3 | 533.700 |
| CH 4 | 535.425 | CH 4 | 534.075 | CH 4 | 534.825 |
| CH 5 | 536.325 | CH 5 | 536.625 | CH 5 | 536.250 |
| CH 6 | 538.350 | CH 6 | 537.900 | CH 6 | 537.075 |
| CH 7 | 539.250 | CH 7 | 538.725 | CH 7 | 537.600 |
| CH 8 | 539.925 | CH 8 | 539.925 | CH 8 | 538.875 |
| CH 9 | 541.350 | CH 9 | 541.875 | CH 9 | 539.775 |
| CH 10 | 542.100 | CH 10 | 542.475 | CH 10 | 542.100 |
| CH 11 | 543.225 | CH 11 | 543.675 | CH 11 | 542.625 |
| CH 12 | 543.825 | CH 12 | 545.700 | CH 12 | 543.675 |
| CH 13 | 545.775 | CH 13 | 546.525 | CH 13 | 545.100 |
| CH 14 | 547.500 | CH 14 | 547.500 | CH 14 | 545.775 |
| CH 15 | 548.475 | CH 15 | 548.025 | CH 15 | 546.675 |
| CH 16 | 549.975 | CH 16 | 549.750 | CH 16 | 547.725 |
| CH 17 | 551.550 | CH 17 | 550.650 | CH 17 | 549.075 |
| CH 18 | 552.150 | CH 18 | 552.750 | CH 18 | 549.825 |
| CH 19 | 553.425 | CH 19 | 553.725 | CH 19 | 551.025 |
| CH 20 | 555.150 | CH 20 | 555.525 | CH 20 | 553.275 |
| CH 21 | 556.275 | CH 21 | 556.725 | CH 21 | 554.250 |
| CH 22 | 557.175 | CH 22 | 557.775 | CH 22 | 555.450 |
| CH 23 | 559.500 | CH 23 | 559.050 | CH 23 | 557.325 |
| CH 24 | 560.100 | CH 24 | 561.525 | CH 24 | 558.225 |
| CH 25 | 561.150 | CH 25 | 562.650 | CH 25 | 558.900 |
| CH 26 | 562.275 | CH 26 | 564.300 | CH 26 | 560.250 |
| CH 27 | 563.250 | CH 27 | 564.825 | CH 27 | 561.675 |
| CH 28 | 565.425 | CH 28 | 566.475 | CH 28 | 564.000 |
| CH 29 | 566.325 | CH 29 | 567.300 | CH 29 | 565.500 |
| CH 30 | 568.350 | CH 30 | 567.900 | CH 30 | 566.475 |
| CH 31 | 569.100 | CH 31 | 569.925 | CH 31 | 567.300 |
| CH 32 | 569.625 | CH 32 | 570.750 | CH 32 | 568.200 |
| CH 33 | 570.675 | CH 33 | 571.650 | CH 33 | 569.025 |
| CH 34 | 571.575 | CH 34 | 573.975 | CH 34 | 570.375 |
| CH 35 | 574.125 | CH 35 | 574.800 | CH 35 | 571.050 |
| CH 36 | 574.650 | CH 36 | 575.250 | CH 36 | 572.475 |
| CH 37 | 575.325 | CH 37 | 577.500 | CH 37 | 573.975 |
| CH 38 | 577.875 | CH 38 | 578.100 | CH 37 | 576.000 |

| Group 13 | | Group 14 | | Group 15 | |
|---|---|---|---|---|---|
| CH 39 | 578.325 | CH 39 | 580.125 | CH 39 | 576.525 |
| CH 40 | 579.375 | CH 40 | 581.325 | CH 40 | 577.425 |
| CH 41 | 580.575 | CH 41 | 581.925 | CH 41 | 578.775 |
| CH 42 | 581.475 | CH 42 | 584.100 | CH 42 | 579.900 |
| CH 43 | 582.225 | CH 43 | 584.625 | CH 43 | 581.775 |
| CH 44 | 582.900 | CH 44 | 585.225 | CH 44 | 582.825 |
| CH 45 | 583.500 | CH 45 | 585.900 | CH 45 | 583.500 |
| CH 46 | 584.025 | CH 46 | 586.650 | CH 46 | 584.925 |
| CH 47 | 584.850 | CH 47 | 587.550 | CH 47 | 585.975 |
| CH 48 | 585.900 | CH 48 | 588.825 | CH 48 | 587.250 |
| CH 49 | 588.450 | CH 49 | 589.425 | CH 49 | 587.775 |
| CH 50 | 590.250 | CH 50 | 589.950 | CH 50 | 589.875 |
| CH 51 | 590.850 | CH 51 | 590.775 | CH 51 | 591.150 |
| CH 52 | 591.900 | CH 52 | 591.525 | CH 52 | 591.825 |
| CH 53 | 593.700 | CH 53 | 592.500 | CH 53 | 592.875 |
| CH 54 | 594.450 | CH 54 | 593.850 | CH 54 | 593.625 |
| CH 55 | 595.950 | CH 55 | 594.375 | CH 55 | 594.900 |
| CH 56 | 597.975 | CH 56 | 596.100 | CH 56 | 595.500 |
| CH 57 | 598.725 | CH 57 | 596.625 | CH 57 | 596.025 |
| CH 58 | 599.400 | CH 58 | 598.125 | CH 58 | 596.850 |
| CH 59 | 600.150 | CH 59 | 599.250 | CH 59 | 598.575 |
| CH 60 | 600.975 | CH 60 | 600.075 | CH 60 | 599.100 |
| CH 61 | 602.025 | CH 61 | 600.975 | CH 61 | 600.750 |
| | | CH 62 | 602.175 | CH 62 | 601.425 |
| | | | | CH 63 | 602.775 |