

QUICK INSTRUCTION MANUAL

FEATURES AND CONNECTIONS



Power Supply:

- 12 – 24 V 0.5 A
- 300 mm length wire
- Please protect the power line with fuse.
- 1 A fuse is recommended

+ Positive

- Negative



Available Versions:

Item AB0800:

- Male connectors
- 2200 mm length wires with coils
- YB0317.2 extensions recommended

Item AB0810:

- Female connectors
- 2200 mm straight wires
- AC0204.2 adapter required (2pcs)

NOTE: check on Stilo Web Site for other version and special accessories.

Camera OUT

Audio OUTPUT connection:

- Camera Car recorder
- Two Ways Radios (TX)

NOTE: check on Stilo Web Site for special accessories.

- YY0030: Audio Filter. Remove electrical interference and performs 2 audio connections
- CG0013: Radio interface with camera connection and Audio Filter.

USB-C Connection

Connection for Personal Computer

- Special settings configurations
- Firmware update



Radio IN

Audio INPUT connection for Audio Devices:

- Mp3 Music Player
- Two Way Radios (RX)

NOTE: check on Stilo Web Site for special accessories.

- CG0013: Radio interface with camera connection and Audio Filter.

STANDARD COMMANDS - 1



Left display

When buttons are not pressed the display shows: 'S' for Stage mode, 'R' for Road mode

Bluetooth LED status indication

LED Off = Device not connected
LED On = Device connected
LED Blinking = Bluetooth activity

Right display

When buttons are not pressed the display shows the setting of cancellation mode (1...6).

Driver Volume

First press: the display shows the pre-set volume. Press again to change the Driver volume.

Co-Driver Volume

First press: the display shows the pre set volume. Press again to change the Codriver volume.

Green Phone

Short press (2 sec) = Recall the last number
Click = answer to an incoming call
Click during a call = the display shows the Phone Volume. Press the Codriver button to adjust the level

Red Phone

Long press (8 sec)
- Enter on Pairing mode: Password "0000"
Short press (2 sec) = Hang up an in progress call
Short press (2 sec) = Reject an incoming call

Settings

Press SET button to navigate through the settings menu

Stage/Road

A short press changes between Stage and Road mode.



STANDARD COMMANDS - 2

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Digital active noise cancellation mode

Press the first time: the left display shows 'd', and the right display shows the pre-set noise cancellation mode.

The following pressions changes the noise cancellation mode (1 to 6 sequentially). Otherwise use Codriver Buttons to move one Step Up or Down

1 = Digital cancellation off
2 = Digital cancellation medium
3 = Digital cancellation maximum
4 = Maximum Digital cancellation with Noise Gate on Driver microphone.
While Driver is not speaking the microphone is closed to perform extra noise cancellation.
5 = Custom Setting through Stilo App
6 = Custom Setting through Stilo App
The default setting in mode 5 and 6 are similar to mode 3 but with lower noise.

Factory Reset

Long Press EQ Button (8 sec) and then click SET Button:
- Reset all the parameters at the Factory value.
- The Intercom Restart.

Equalization set

Press the first time: the left display shows 'E', and the right display shows the pre-set Equalization.

The second press changes the equalization (0..5).

0 = Bass tone emphasis
1 = Medium & Bass tone emphasis
2 = Medium & High tone emphasis
3 = High tone emphasis
4 = Custom tone
The default setting on Eq 4 is a Treble tone emphasis.

Using the dedicated Stilo DG-20 App is possible a total personalized configuration.



Stage/Road

A short press changes between Stage and Road mode.

Stage = Radio & Phone Audio OFF

Road = Radio & Phone Audio ON

A Long press select Road mode type:

1 = Codriver only can ear the audio from BT and Radio

2 = Both Driver and Codriver can ear the audio from BT and Radio

3 = Driver only can ear the audio from BT and Radio

	Stage	Road
Intercom	Active	Active
Videocamera OUT	Active	Active
Radio IN	OFF	Active
Phone IN	OFF	Active

Note: Dot display ON = Audio ON

Set Menu (Basic)

Short press: enter into the basic menu configuration.

The display scrolls the features description

- **Radio IN gain (RI):** Press Codriver buttons to adjust the external Audio Level (it changes Radio & Phone level)
- **Camera OUT level (CO):** Press Codriver buttons to adjust the Camera Out Level
- **Feedback Level (FG):**
 - o Press Codriver buttons to adjust the Codriver Feedback Voice
 - o Press Driver buttons to adjust the Driver Feedback Voice

Note: the display show the features menu for 30 sec.

Click on Red Phone button if you need to exit faster.

SPECIAL COMMANDS

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Set Menu (Extended commands)

Long press (8 sec): enter into the extended menu configuration.

The display scroll the features description:

- **Bluetooth OUT gain (BO):**
 - o Press Codriver buttons to adjust the Audio Phone transmission Level
- **Microphone Gain Level (MG):**
 - o Press Driver or Codriver buttons to adjust the respective Mic Gain Level
- **Analog Noise Gate (NA):**
 - o Press Driver buttons to turn On or Off the Noise Gate on Driver Mic.
 - o 0 = Off = Standard Microphone operation. 1 = On = Microphone works just talking
- **Mix Gain Level (MI):**
 - o Press Driver buttons to adjust the level voice that arrive from Codriver
 - o Press Codriver buttons to adjust the level voice that arrive from Driver
- **Denoise Level (DL):**
 - o Press Driver buttons to adjust the Noise Cancellation level on Driver Mic
 - o Press Codriver buttons to adjust the Noise Cancellation level on Codriver Mic
- **Lower value = Lower Noise**
- **Volume Boost (VB):**
 - o Press Codriver buttons to select the boost value:
 - o 0 = Standard Volume, 1 = + 2dB, 2 = + 4dB, 3 = + 6dB Boost
- **Microphone Electret (ME):**
 - o Press Driver or Codriver buttons to set the respective Microphone Type.
 - o 0 = Dynamic Mic (Standard) 1 = Electret Mic
- **Brightness Display (BD):**
 - o Press Codriver buttons to adjust the Display light intensity
- **Brightness Blue Led (BL):**
 - o Press Codriver buttons to adjust the Blue Led intensity
- **Brightness Background (BB):**
 - o Press Codriver buttons to adjust the Background light intensity
- **BLE On Power Up (BA) (requires FW release 1.16 or higher):**
 - o Press Codriver buttons to enable/Disable the Bluetooth Low Energy advertising at intercom start up. When enabled, the already affiliated intercom will automatically connect to the Stilo DG20 App upon power-up if the app is open.
 - o 0 = Disabled 1 = Enabled



EXTRAS



Start BLE advertising

To connect the intercom with the 'Stilo DG20' App the intercom BLE need to be in advertising mode.

Long press (3 sec) on + button of the driver to **start the BLE advertising** for 2 min, the displays will show 'B1' for 3 sec.

Note: enabling **BLE On Power Up (BA)** on SPECIAL COMMANDS of the 'Set Menu' will force the automatic BLE advertising on intercom start up for 2 min.

FW Revisions

Long press (8 sec): enter into revision display menu. Entering the menu the left display shows 'F' and the right display shows a blinking number indicating the entry, after 3 seconds the 2 displays shows the versions related to the entry. Scroll the entries with the +/- codriver buttons

The entries:

- 0: Major release of the intercom FW
- 1: Minor release of the intercom FW
- 2: Major release of the DSP
- 3: Minor release of the DSP

Es. Major intercom FW = 01, Minor intercom FW = 17 indicated that the intercom FW version is 1.17



APPS



Stilo DG20 App

Take control of your DG20 with Stilo DG2 App.

Now available on Play Store and App Store.

