SENCOR

Let's live!

ANDROID MULTIMEDIA PC

SMP 5004 PRO /
SMP 9004 PRO

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Revision 08/2017

Safety Instructions

This product has been designed with the utmost safety in mind. However, incorrect use may lead to electric shock or fire. This is why users should observe the following instructions when using this device.

This device uses a semiconductor unit and contains no user serviceable parts. Do not disassemble this device, otherwise you are exposed to the risk of electric shock. If any damage to this product occurs, please have this product repaired by a qualified service technician.

Power source
Power supply of this unit must be match the serial plate data.

Heat source
Keep this unit out of heat sources like stove or direct sunlight.

Cleaning
Prior to cleaning, please disconnect power first. For cleaning, don't use liquid detergents or caustic liquids - just clean the unit with a soft cloth.

Heavy objects
Do not place heavy objects on the unit, otherwise damage might occur.

Connecting other devices
Before connecting other devices to this unit, please make sure to disconnect power. Otherwise damage to the unit or personal injury might occur.

Faults to be repaired

If any of the following problems occurs, please disconnect power to the unit and contact a qualified service technician.

A.　Power cord or plug is damaged.

B.　Liquids or other foreign objects have penetrated inside the product.

C.　If the unit does not work even if it's being operated according to the instructions, don't press any buttons other than those described in these instructions. Otherwise, damage to this unit may occur along with a more demanding repair.

D.　This unit has fallen on the ground from a big height.

E.　Burns can be smelled from the product inside.

Maintenance

If you don't have enough technical knowledge necessary to maintain this unit, don't attempt to repair it by yourself. By removing cover, you are exposed to a risk of electric shock. If needed, please contact a qualified service technician.

Replacement of parts

If you need to replace any part of this unit, ask your service technician to make a replacement for equal spare part models. If other spare part models are used for replacement, serious damage, electric shock or shortening the unit's lifetime may occur.

Safety check

When done with the maintenance, ask your service technician to perform an on-site safety check to make sure that the unit's operation is safe.

> **Note:**
> Before using this product, read these instructions carefully and keep it well for future use.

Introduction

Thank you for choosing our product. In this user's manual you will find the information necessary to operate your unit easily. Please read it carefully before first use and save for future reference.

Declaration

We have tried to obtain the most up-to-date information regarding this product. No warranty of this user's manual content is provided and we do not assume any implied warranties. The information provided in this manual are mere instructions to operate the unit.

We reserve the right to make corrections, changes and translations in this user's manual without prior notice. For this reason, we recommend that you regularly visit our website and acquire the latest information.

Supply content

1 pc - TV Box
1 pc - Remote control
1 pc - Power adapter
1 pc - HDMI cable
1 pc - User's manual

1. General instructions

USB connector, notes on using the unit

USB memory device must be inserted directly into the unit. To prevent data transmission failure or its interference, do not use USB extension cables.

Electrostatic discharges may cause the unit to malfunction. In such an event, the user must restart the unit.

Before using a USB memory device, test its ability to communicate with the unit, its data reading and writing speed.

To achieve maximum reading speed we recommend that you keep disk space defragmented. Use FAT32 or NTFS file system, single partition and without protection. If reading and writing on the USB memory device is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected flash drive, or the presence of viruses or other damaging software may cause the functions of the appliance to stop working, necessitating a restart.

The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.

The appliance was designed to achieve maximum compatibility with memory devices. With respect to the variety of devices on the market, it is not possible to guarantee compatibility with every USB device. In the event of difficulties, try formatting the memory device directly in the appliance. If problems persist, use a different memory device.

2. Input peripheral devices

USB

The device supports portable hard drives and USB storages which can be connected via USB 2.0. To facilitate the device control, you can use PC keyboards and mice without advanced functions such as special game button, sound control keys etc.
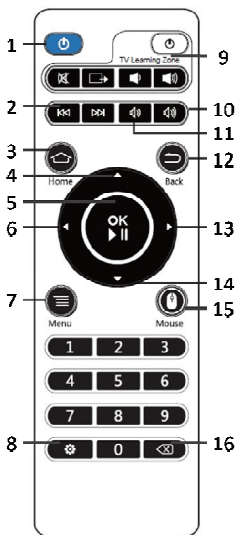
Micro SD card:

Next to the USB ports, there is a slot to insert a micro SD card of up to 32 GB. Insert the card into the unit with the contacts aiming downward.

3. Remote control

Buttons and their functions

1	On/off button
2	Skip backward/forward
3	Home
4, 6, 13, 14	Direction navigation keys (up, left, right, down)
5	Confirmation or Play/Pause button
7	Menu (in some applications, it allows the application setup to be made, if supported by that application)
8	Unit setup
9	Programmable zone buttons area
10	Increase volume
11	Decrease volume
12	Back
15	Switch to mouse mode
16	Backspace (deleting the entered text)

3.1 Programmable zone

The remote controller's programmable zone allows you to store 5 buttons/functions of another remote control (such as for a TV set).

Button programming procedure:

1) Hold down the programmable zone's on button on the remote controller (wait until the on button's colour indication changes from flashing to solid light state).

2) Press the programmable zone's button you want to program (the programmable zone's on button will start flashing).

3) Aim the sensors of both remote controllers against each other (from a distance of no more than 5cm) and press another unit's remote controller button whose function you wish to store in the selected button of the remote controller's programmable zone.

4) Successful storing will be confirmed by a solid light of the programmable zone's on button.

5) Continue in the same manner to setup other programmable area buttons. To exit the programming mode of the programmable zone buttons, wait a couple of seconds until the programmable zone on button's colour indication goes fully out.

Attention: Due to the variety of devices on the market, the compatibility with all remote controllers cannot be guaranteed.

4. Wiring diagram
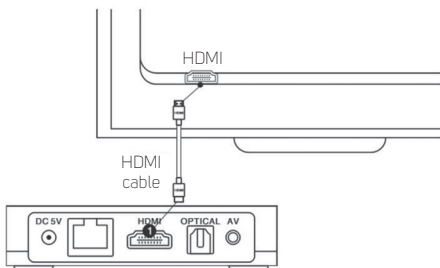
Using the HDMI connection

HDMI is a versatile digital connection standard for a wide range of picture resolutions in both interlaced and non-interlaced mode, combined with audio transmission, all in a single connector.

a)   Connect your HDMI cable to your unit's output and TV input.

b)   Set the unit's TV output to the highest resolution your TV supports. This will allow you to make the most of the picture display.

Using the A/V (CVBS) connection

If your TV is not equipped with a HDMI output, you can connect your TV via an AV cable. Connect the AV cable to the unit's output (both audio and video) and your TV input. This output allows a maximum resolution of 576p to be transmitted.
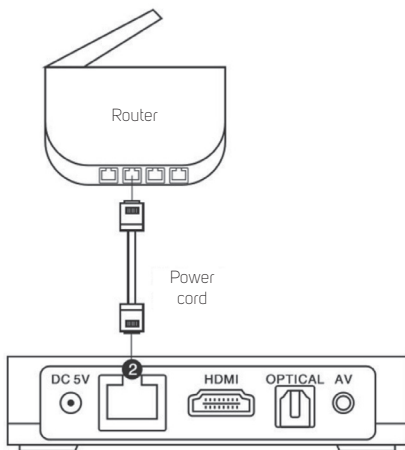
Note: The CVBS video output is only active if no HDMI cable is connected.

Connecting to a local network

You can connect the unit to a local router using the UTP cable.
By default, the unit is set to obtain IP addresses automatically
using DHCP.

Note: It is required that both devices should be "linked together"
to the highest speed available. This will guarantee stable data
transmission.

5. Putting into operation and using

Leave the unit turned off and make connections as you need - especially connecting to your TV and internet.

5.1 Controlling applications

To confirm the selection, remote controller's "OK" button is usually used. In some cases, switching to mouse control mode to confirm the selection with mouse is required.

Recommendation: To easily control the unit, we recommend connecting wireless mouse and keyboard.
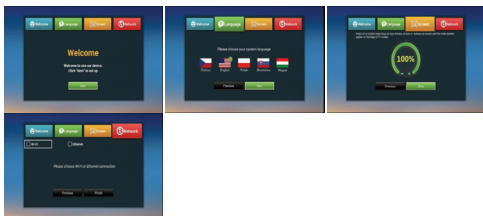
5.2 Putting into operation

1)   when done with the wiring, connect the power adapter to your power outlet and connect its plug to the unit's power socket. On the connected TV, select the input to which you have connected your unit's output.
     Note: The HDMI output takes priority over the Video output (CVBS). If the HDMI output is connected to your TV, the Video output (CVBS) is disabled. To enable, it's necessary to unplug the HDMI cable from the unit's output.

2)   press the remote controller button to turn the unit on. After a while, the operating system will boot with and the basic screen appears. After initial connection, basic function setup wizard will launch. The wizard start-up may take several minutes.

3)   navigate through the setup wizard and set the following items step-by-step (after each step, select Next): user interface language, image size, internet connection method (select either wireless WiFi or cable Ethernet; the network protocol does not allow to enable both methods simultaneously), when connecting to WiFi, enter

your network password (for details, please contact your administrator).

4) when done with the setup wizard, the user interface main screen will appear (over Android system) with available applications (you can manage / add more applications using the AptoideTV store with your own account), access to multimedia files, information network, web browser etc.

5.3 Advanced settings

In addition to the basic setting made in the Setup wizard, you can also make detailed setup of Android properties in Android's own settings. This is available under the Settings option. Android system setting is available on the "More Settings" tab. All the setup wizard options are also available in the advanced settings.

5.4   Turning the unit on and off

We recommend to define the "Power key definition" off button in Settings as the function to turn the unit completely off. All the applications will be properly stopped and it will be necessary to launch them again following the start-up.

On each start-up, the unit's system will boot from the very start, thus being more time demanding but providing a smoother unit operation.

5.5   Using the unit

You can use the unit's basic functions in the web browser by navigating through and managing your files like movies, music or images on memory devices (including those connected) and media players. In addition to the simple intrinsic player, there is also advanced Kodi player installed.

Web browser   File manager   Basic player

5.6 Installing the applications

To install third party applications from an external storage, use the App Installer. After the USB/SD storage has been inserted and the App Installer has been launched, you will be prompted to select the media from which you wish to install your .apk format applications. You applications will be found and offered for installation automatically. Just click on the found application and select "INSTALL".

Attention: Due to the wide range of applications on the market, the compatibility of all applications with this unit is not guaranteed. It may happen that your application will malfunction or be unstable once installed.

5.7 Uninstalling the applications

To simply uninstall your installed applications, go to Settings/ Application in the Downloaded application section.

Attention: System applications are firmly preset in the system and cannot be removed/uninstalled.

5.8 Third party applications

The unit is equipped with third-party applications such as YouTube, Stream.cz, Fairy tales, Apptoid and more.

AptoideTV - with this application, you can add more applications to your device. Before installation, please check whether your installed application requires Google Services. In such case, the installed application will be disabled.

Youtube for Android TV - the application does not allow you to log on to the user accounts and browse the history.

Attention: Operating these applications may differ according to an application version. We recommend to control with standard keyboard and mouse. Online videos that can be played back

using third-party applications don't have to meet the playback video resolution requirements.

5.9 AutoStartKodi

This pre-installed application allows you to setup automatic launch of Kodi application when the unit starts (provided the off button is correctly configured - see the separate chapter "Turning the unit on and off"), or the unit's Standard environment (interface) display on start-up.

• Open Auto Start KODI - automatically launches the Kodi application when the unit starts
• Close Autostart Kodi - launches the Standard environment when the unit starts

5.10 Kodi

The Kodi application offering many multimedia features is pre-installed in the unit you purchased. The Kodi player can work with the internal memory as well as network hard drives. We have prepared a clean Kodi environment for you that you can enhance to your taste.

Before launching the Kodi player, please make sure that your device is connected to a local network with the internet.

First launching will be in English, then you can change the language settings as needed in: Kodi-> System/Appearance/International/Language

During each launching, the IP TV transmissions and libraries you have preset in the application are verified first. During this process, the application may temporarily slow down or even pause in some cases. Should the application be stopped, this is no malfunction. Once the application has stopped, launch it again and wait until completely uploaded.
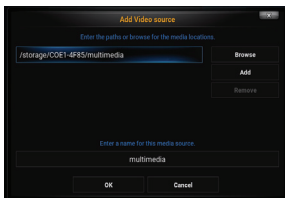
Setting the DLNA server

In order make full use of the DLNA server, it's useful to set the Kodi application in the AutoStartKodi menu to launch automatically when the unit starts. It's required that your local network should be setup and the function parameters in the application should be completed correctly. When the unit is turned on, the Kodi application will start automatically, thus no display unit is needed for the server's DLNA function.

To setup DLNA in Kodi, go to System/ Settings/ Services/ UPnP/DLNA //Share my libraries

To add multimedia records, go to the main menu Videos/Files/ Add videos. If you have any records on the USB/SD storage, select <None> Browse / Root filesystem/Storage (select your connected storage here). You storage may be indicated by a label such as C0E1-4F85. Once the folder with records is selected, just confirm your selection by pressing OK.

To add multimedia records from network storages, use similar method as for the USB/SD storages. It's important that correct path to multimedia records should always be set and a stable network connection should be provided.

Installing the plugins

First, install your Repository (it contains links to plugins). To import, go to System/Settings/Add-ons/Install from zip file. Or, install individual plugins supplied by you.

Attention: Due to the wide range of plugins on the market, the compatibility of all applications with the preinstalled Kodi version is not guaranteed.

5.11   Hotspot

The unit can be set as a hotspot provided that the unit's connectivity is made by a UTP cable. The unit transmits WiFi signal at 2,4 GHz. This option can be found in the Android advanced settings.

6. Factory settings

If your unit has been set to an undesired state which prevents normal use, the easiest way to restore the operation is to reset the unit to its factory settings.

The unit can be set to the original "factory" settings. First, make sure you have all your required files backed up outside the unit. This function will reset all content including the unit setup to the default state and this action cannot be undone. In menu, go to Settings, then select the "Storage and reset" tab and choose "Reset to default settings". To complete the factory settings, confirm "Reset to default settings" and then "Delete all".

7. Troubleshooting

Warning

Under no circumstances should you attempt to repair the device yourselves – this will constitute a breach of warranty conditions. Do not open the device as there is a risk of injury by electric shock. If the device malfunctions, first check the following list of problems and their solutions. If you are not able to remedy the fault with the help of the following tips, contact your vendor.

Problem	Solution
No signal in the TV set	1) Check if the HDMI or AV cable is connected correctly.
	2) Check if correct input source has been selected for your TV.
Device cannot be turned on	1) Check if the power plug is fully connected to your unit's DC socket.
	2) Check if the power supply is stable.
The unit cannot be connected to network	1) Make sure that the network cable is connected and the Ethernet connection works correctly.
	2) Make sure that the Wi-Fi network is connected and the encrypted network safety key is correct.
	3) Make sure you have selected correct IP address settings.
	4) If the Wi-Fi network is unavailable, check it the Ethernet function is disabled.
The remote control doesn't respond	1) Make sure the batteries are charged.
	2) Make sure the distance between the remote controller and the unit is not longer than 8 meters.
Some TVs cannot display full image	1) Set the display image position on your device. Settings -> Display -> Display position

8. Specifications SMP 5004 PRO

Features:

Integrated KODI home cinema system
4K movies playback
3D movies playback
Module WiFi 2.4 GHz (802.11 b/g/n)
WiFi Hotspot
Bluetooth 4.0
Entertainment sharing via DLNA / DLNA server
Miracast
Web browser (with HTML 5 support)
Subtitle parameters setup feature (size, colour, position, synchronization, contour colour)
Integrated Android 6.0.1 (32 bit)

Chipset and memory:

CPU: Amlogic S905X Quad core Cortex A53 64 bit 2GHz
GPU: Penta-core Mali-450MP GPU @ 750MHz
Operating memory 1 GB DDRIII
Memory storage: EMMC 8 GB

Integrated applications:

Web browser, File manager, Galerie, Gmail, Miracast, Video player, Music, PPPoE, E-mail, Clock, Multimedia center - Kodi player, AptoideTV, Youtube, Stream, Fairy Tales
More Android applications can be installed via the AptoideTV

Supported audio-video formats:

Supported video formats:
4K, HD MPEG1/2/4, H.265/HEVC, HD AVC/VC-1, RM/RMVB, Xvid/DivX3/4/5/6, RealVideo8/9/10

Supported video file types:
AVI, RM, RMVB, TS, VOB, MKV, MOV, ISO, WMV, ASF, FLV, DAT, MPG, MPEG (HDR10 support)

Supported audio file types:
MP3, WMA, AAC, WAV, OGG, AC3, DDP, TrueHD, DTS, HD, FLAC, APE

Supported bitmap file types:
JPEG, BMP, GIF, PNG, TIFF

Supported file systems:
NTFS, FAT32, exFAT

Connection:

1× HDMI 2.0 (resolution up to 2160P 60fps)
2× USB 2.0 (high-speed, U Disk and USB HDD support)
1× SD card slot (up to 32 GB capacity)
1× AV output
1× optical output
1× RJ45 Ethernet port (10/100 Mbit)

Other:

Power input: 5 V/ 2 A power adapter
Dimensions: 91 × 91 × 18 mm
Weight: 126 g
Accessories: Remote controller, battery, power adapter, HDMI cable, instructions for use

8. Specifications SMP 9004 PRO

Features:

KODI Home Theater System Integrated
4K Movie Playback
3D Movie Playback
Dual Band WiFi Module 2.4GHz + 5GHz (802.11 ac/a/b/g/n)
WiFi Hotspot
Bleutooth 4.0
DLNA Entertainment Sharing/DLNA server
Miracast
Web Browser (support HTML 5)
Subtitle Multi Feature Setting (Size, Color, Position, Sync, Outline Color)
Integrated Android 6.0.1 (32bit)

Chipset and Memory:

Processor: Amlogic S912 Octa core Cortex A53 1.5GHz
GPU: ARM Mali-T820 MP3 GPU up to 750MHZ/DVFS
RAM: 2GB DDRIII
Flash Memory: EMMC 8GB

Integrated Applications:

Internet Browser, File Browser, Gallery, Gmail, Miracast, Movie Player, Music, PPPoE, Email, Clock, Kodi Player - Media Center, AptoideTV, Youtube, Stream, Pohádky
Additional Applications via AptoideTV

Audio-Video Supported Formats:

Supported Video Formats:
4K, HD MPEG1/2/4, H.265/HEVC , HD AVC/VC-1, RM/RMVB,
Xvid/DivX3/4/5/6 , RealVideo8/9/10

Supported Video Files:
AVI, RM, RMVB, TS, VOB ,MKV, MOV, ISO, WMV, ASF, FLV,
DAT, MPG, MPEG

Supported Audio Files:
MP3, WMA, AAC, WAV, OGG, AC3, DDP, TrueHD, DTS, HD,
FLAC, APE

Supported Picture Files:
JPEG, BMP, GIF, PNG,TIFF

Supported File Systems:
NTFS, FAT32, exFAT

Connections:

1× HDMI 2.0 (Resolution up to 2160P 60fps)
2× USB 2.0 (High Speed, Suppot U Disk and USB HDD)
1× Micro SD Card Slot (support up to 32GB)
1× AV Output
1× Optical Output
1× RJ45 Ethernet port (10/100/1000Mbit)

Others:

Power: DC Adapter 5V/2A
Dimmesion: 110 × 110 × 20 mm
Weight: 192 g
Accessories: IR Remote Controler, Batteries, Adapter,
HDMI cable, Manual

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE The product meets EU requirements.

Hereby, FAST ČR, a.s. declares that the radio equipment type SMP 5004 PRO / SMP 9004 PRO is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.sencor.eu

Changes in the text, design and technical specifications may be made without prior notice and we reserve the right to make such changes.

The original version is in the Czech language. Address of the manufacturer: FAST ČR, a.s., Černokostelecká 1621, Říčany CZ-251 01

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:
- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers
Visit www.sencor.eu for detailed information about authorized service centers.