

Aokatec Bluetooth adapter

AK-N7700

for Nikon Coolpix P7700 GPS function



Introduction

AK-N7700 Bluetooth adapter designed for Nikon Coolpix P7700 camera. When connect Nikon P7700 with AK-N7700 Bluetooth adapter, the camera will have Bluetooth function to acquire GPS data from Bluetooth GPS receivers/loggers. The GPS data (Latitude, longitude, altitude, UTC time) will record in the EXIF file of RAW & JPG photos when shooting. GPS receiver can be put in pocket or bag. No more cords or clutter!

Important Note: the AK-N7700 is not a GPS, it can't work alone on camera, it must work with a Bluetooth GPS receiver.

Key features

- Compact
- No software needed
- Auto & quick connection
- Record GPS in building
- Low power consumption
- With remote terminal
- Plug and enjoy

How to use AK-N7700

1. Turn on the Bluetooth GPS receiver.
2. Turn off the camera, connect the adapter on camera's GPS terminal.
(Plug in the remote switch to the adapter when need)
3. Turn on the camera, the adapter will connect with Bluetooth GPS receiver automatically in about 3 seconds.
4. Take pictures, GPS data will be recorded with each photograph.
5. Turn off camera, the adapter will turn off automatically.
6. Turn on camera again, the adapter will re-connect with Bluetooth GPS receiver automatically in about 3-5 seconds.
If the Bluetooth GPS receiver have auto sleep function, you need turn off this function. If can't turn off, you need re-active the Bluetooth GPS receiver before turn on camera.
7. You can keep the AK-N7700 on P7700 camera when not in use. AK-N7700 not drain any power from camera when camera off.

Specifications

Dimensions(Wahid)	26x18x12mm
Bluetooth version	V2.0+EDR
Frequency range	2.4 to 2.48GHz
Transmission distance	10 meters
GPS data	Latitude, longitude, altitude, UTC time
Connection time	Approx 3 seconds
Update rate	1 Hz
Average power consumption	6 mA
Operating temperature	-25℃ -65℃
Compatible accessory	Canon RS60-E3 compatible Remote Switch
Compatible GPS receiver	Most Bluetooth GPS receiver/logger

Pair the adapter with Bluetooth GPS receiver

When use the adapter with Bluetooth GPS receiver for the first time.

Turn on Bluetooth GPS receiver first.

After 10 seconds, plug the adapter, wait about 10 seconds and turn on camera.

The adapter will pair with Bluetooth GPS receiver and remember the GPS receiver's ID automatic in 60 seconds.

In future use, the re-connection time will be about 3-5 seconds.

Compatible with most Bluetooth GPS receivers/loggers specifications

1. Compatible with Bluetooth Serial Port Profile(SPP)
2. Support standard NMEA0183 protocol
3. PIN/Passkey: 0000

Confirm compatible GPS receivers:

Holux M-241	Holux M-1000	Holux M-1000B
Holux M-1000C	Holux M-1200	Holux GPSlim240
Holux GPSlim236	Holux GPSlim236B	Qstarz BT-Q1000X
Qstarz BT-Q818X	Qstarz BT-Q816X	Royaltek MBT-1100
Royaltek RBT2200	Royaltek RBT2300	GlobalSat BT 328
GlobalSat BT 368	DAGAMA SG-26	i-Blue MobileMate 886
i-Blue 737A	i-Blue 747A	Palm GPS receiver
NCSNavi R120	Qstarz BT-Q1000XT	NOKIA LD-3W
GARMIN-GPS10X		

Confirm NOT compatible GPS receivers:

Dual XGPS150A
GNS 5870
Garmin GLO
GT-750FL

Support GPS in building

When GPS receiver lost signal in building, the adapter will write the last known position data into photos.

Safety Notices

Do not drop: The product may malfunction if subjected to strong shocks or vibration.

Keep dry: This product is not waterproof, and may malfunction if immersed in or exposed to water.

Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields.

Warranty

One year limited warranty. Aokatec warrants this product against defect in materials and workmanship under normal use for period of one year from the date of retail purchase by the user.

Note:

Any questions please contact with support@aokatec.com