



APPCON 3000

assembly instruction

Please also watch installation videos www.APPCON3000.de

The APPCON 3000 was designed and built by Dipl. Ing. Thomas Treyer and master bicycle mechanic Udo Ochendalski. This unique product sets the standard in the still new category of dynamo chargers on bicycles. As a small company we are dependent on your help. If the shoe pinches you, please do not hesitate to call us (02234 94 94 000) or send us an e-mail to Info@NC-17.de. We will respond immediately. Your satisfaction is very important to us personally. For us, negative and unqualified online reviews are understandably useless. Neither do they save the world with it, nor do they improve the product! If unexpected tasks arise that make you dissatisfied, please contact me personally before you get grey hair! I will clarify this immediately! Promised! Udo@ NC-17.de.

Important note

Please always use the APPCON 3000 together with the carbon protection tube, The wall thickness of the aluminium housing is very thin to allow A-Headset mounting. A transport or use without protection Case can and will probably lead to small dents on the APPCON case after some time. This is not a warranty case. Please use the supplied carbon protection tube.

Important note

Please always use the original cables of your USB device. Poor quality cables can reduce the charging performance or even cause malfunctions. This applies especially to replicas of Apple cables, but USB-C also has black sheep among the charging cables.

Important note

Basically the APPCON is well protected against water penetration on IP 68. It has been found that during a circumnavigation of the world unbelievable and unimaginable weather and road conditions prevail. It is advisable to carry the APPCON protected in extreme conditions, e.g. in the A-Headset assembly or in a bag. If you treat him as carefully while driving as your mobile phone then all is well.

In order to prevent the ingress of water, the APPCON 3000 must never be sprayed or submerged with a sharp jet of water (hose, high-pressure cleaner).

General APPCON 3000

The APPCON 3000 is ingenious and simple at the same time. It is designed to generate direct current from any hub dynamo in order to convert and store it in the APPCON 3000 and to continuously power any USB device. Basically, the scenario applies: You drive off with a full mobile phone and arrive with a full mobile phone. Of course, everything depends on the electricity harvested, i.e. the speed and driving time. But don't worry: The microprocessor in the APPCON 3000 fully incorporates our experience with the previous model, so that you can think a lot about this topic, but you certainly don't have to.

To the understanding basically applies:

The development goal was to also supply large smartphones with power during the cycle tour. However, you can only draw as much power as you generate and therefore there is power in the APPCON 3000 buffer battery. When connecting a very large device, e.g. a large tablet like Apple's iPad, the APPCON 3000 will deliver its entire capacity within a very short time with up to 2 amps. Tablets like the iPad have a much larger internal battery than the APPCON 3000, typically the battery in a tablet has about 10,000 mAh capacity. Customers report that they were able to charge an empty iPad by 30%, which is a very good value. Therefore, please consider proportionality when evaluating the charge level.

Oh yes, to answer a question right away: You can't charge the big battery of a pedelec with hub dynamo and APPCON 3000 ;-)

The installation is very simple.

Connect the hub dynamo to the 6-pin round plug of the APPCON 3000 with the supplied dynamo cable. Connect your mobile phone or navigation device to the USB socket of the APPCON 3000 with its USB charging cable. Done!

If required, you can download our AppConGT app from the Appstore, with which you can get a fully-fledged bicycle computer in combination with the APPCON 3000 and call up information on charging status.

You only have to think about how to integrate the APPCON 3000 into your personal „setup“ of your bike and you're ready to go...

Scope of delivery

1x instruction

1x APPCON 3000

1x APPCON 3000 carbon protection tube

1x dynamo cable to APPCON 3000

1x Y Connector

1x dynamo plug

1x USB charging cable for APPCON 3000 (connection to USB charger)

4x cable ties

4x flat plug

2x insulation grommet

Recommended tool: (if necessary)

Flat nose pliers for mounting the flat plugs

Side cutters or sharp scissors for cutting/stripping cables and cable ties.



You can find video instructions for installation on www.Appcon3000.de or YouTube.

Breathe life into your APPCON 3000:

The APPCON 3000 has two sleep modes. (tent mode and deep sleep mode). After purchase the APPCON 3000 is in deep sleep mode. In deep sleep the self-discharge of the APPCON 3000 is extremely low. There are two ways to wake up the APPCON 3000:

The most obvious option is to connect the APPCON 3000 to the dynamo of your bike. A few turns of the wheel are enough and the LED of the APPCON 3000 welcomes you with a colourful play of colours.

If you don't have a bicycle at hand, you can also connect the APPCON 3000 to a USB charger or to a USB port of a computer using the supplied USB charging cable. A few seconds are enough and the APPCON 3000 is awake.

After some time of non-use the APPCON 3000 goes into the simple sleep mode, the so-called tent mode. The LED is off. In this tent mode, the APPCON 3000 can be woken up without external aids, which is ideal if you want to take the APPCON 3000 off your bike and load a USB device in your tent in the evening (hence the name tent mode).

After another 2 weeks of non-use, the APPCON 3000 automatically goes into a deep sleep. Thus the APPCON 3000 survives a longer winter break without any problems.

Waking up from the tent mode is described below in the instructions.

INFORMATION: For safety reasons, opening the APPCON 3000 is not permitted under any circumstances. Unauthorised opening of the APPCON 3000 will void all warranty claims and is, of course, at your own risk. We cannot offer any service for opened devices. In this case, we have specially installed a safety device that unequivocally detects the unauthorized opening.

Personal Setup

We looked at hundreds of trekking bikes and none were like the other. The individuality in the personal use is unique. We love cycling! We cyclists are individualists, there will be no standard solution. That is why we recommend the following assembly variants with the certainty that there will be many solutions.

NC-17 bag (optional article no. 4079)

NC-17 A-Headset (optional article no. 4083)

NC-17 bottle holder (optional article no. 4028) not suitable if you plan to cross deep brooks and rivers IP68!

Whatever you want to design your setup: Please note that the USB socket must hang freely downwards to prevent rain from entering and accumulating. Also avoid unprotected mounting in the splash area of the front wheel, gold contacts do not like mud!

Example setup in a bag

Example setup in a bag Think about how you want to carry the APPCON 3000 on your bike. Think about where you want to connect the two cables from the APPCON 3000. For example, outside a bag or inside a bag. Think about whether you always leave the bag on the wheel (fixed installation) or whether you always want to take the bag with you.

For a fixed mounting of the bag, it makes sense to connect the cables in the bag. Do you want to take the bag, it is faster to connect the connectors outside the bag. In principle, it is of course advisable to make all the connections in the bag to be protected from rain. We recommend that you first organize the cable routing and only then install the cable ties to fix the dynamo cable.



Top tube mounting (optional)



Handlebar mounting bag (optional)

Example Setup A-Headset Mounting

With the A-Headset assembly (optional), the APPCON 3000 is slipped into the head tube of your bicycle fork using an adapter and fixed. This somewhat complex assembly can only be carried out by a specialist dealer.

Separate assembly instructions are included with the adapter. Note: The A-Headset assembly is not suitable for all forks. The North American importer Peter White Cycles or your dealer can provide you with more detailed information.



Example: A-Headset assembly (optional)

Example bottle holder assembly optional

When mounting the bottle holder, the APPCON 3000 is mounted laterally below the water bottle using an aluminium adapter (optional).



This type of mounting is only recommended if the rear and front wheels are fitted with mudguards.

Dynamo cable installation

1. you do not use the dynamo to power your lighting system
2. you use a Shimano Dynamo and feed your light with it
3. you use a SON dynamo and feed your light with it

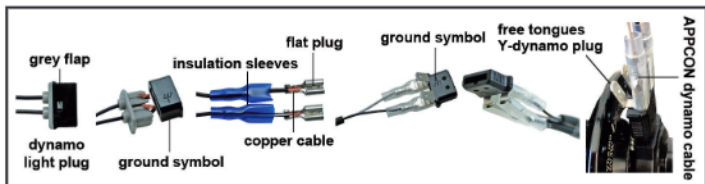
1. you do not use the dynamo to power your lighting system

That's easy. In the case of Shimano, simply plug the pre-assembled Dynamo plug into the Dynamo hub connector. Look at the plug, it can only be pushed on from one side. In case of a SON hub you have to remove the two flat plugs from the prefabricated Dynamo plug and then put them back on the SON. If the flat plugs are loose, you may have to squeeze the flat plugs with pliers to make a tight connection to the SON Dynamo. The polarity is not relevant for the SON Dynamo. So just plug it in.

2. You use a Shimano Dynamo and feed your light

For historical reasons, Shimano combines one of the two poles with the metal axle of the front wheel. Since the front headlight also connects one of the two poles to the bicycle frame, this creates the possibility of putting the light cable in such a way that both poles are somehow connected to the metal of the bicycle frame and no light shines anymore. The bad news first: You can connect the two wires of the light cable wrong with the Dynamo. The good news: There are only two options and nothing can break.

Therefore, look carefully at the existing light cable on the hub dynamo. One of the two connections on the dynamo plug is marked with a mass symbol. Usually, one of the two wires of the light cable has a white line, so you can distinguish the wires.



Warning: The tabs and Y-plugs are made of thin sheet as intended. A repeated back and forth will inevitably lead to breakage of the component.

Before disconnecting the dynamo light plug from the dynamo, determine which wire is connected to the ground symbol. Please make a note of this. Now disconnect the old grey-black dynamo plug from the dynamo. Now separate the grey from the black part of the old dynamo plug by pressing in the grey tab a little with a small screwdriver. The two wires of the light cable can now be easily removed from the old dynamo plug.

Now push the insulation sleeves included in the scope of delivery onto each wire. Now shorten the copper cables with pliers/knives so that they can be inserted into the flat plugs supplied without protruding into the clamping area. Now press the flat plug with the cable insulation together and push the previously pushed on insulation sleeve over the flat plug.

So far so good. Now push the two connectors onto the free tongues of the Y-dynamo connector. Please make sure that the ground wire is mounted in the same place as it was before (your note). Now plug the plug, which is now equipped with 2 cables or 4 cores, onto the dynamo hub. Depending on the space available on the hub dynamo, it may be helpful to turn the Y-connector over so that it points to the fork side. For this you cannot turn the adapter, but the flat plugs themselves.

Note: If you disconnect the flat plugs of our cable from the Shimano adapter during assembly, you will have to make sure that our white wire is connected to the ground symbol on the Shimano adapter when connecting the flat plugs later.

3. you use a SON dynamo and feed your light with it.

The Shimano adapter is plugged in when the cable is delivered (black plastic body with grey insert). The Shimano adapter is not required for a SON Dynamo. Therefore disconnect the pre-assembled flat plugs of the APPCON 3000 Dynamo cable from the Shimano adapter. If they are too heavy, you will have to use pliers. The Y-plug and the Dynamo plug are now in your hand. Disconnect the two light cables from the SON Dynamo and connect the APPCON 3000 Y-connectors to this place on the dynamo.

The cables removed from the SON Dynamo are then pushed back onto the Y-connector. It is possible that the flat plugs can be pushed too easily or too heavily onto the Y-plug by the light. In this case you have to widen or compress the flat plug slightly with the pliers.

Connection to the APPCON 3000

The wiring on the dynamo side should now be completed. Before you use the supplied cable ties to fix the dynamo cable, consider exactly where and how you want to arrange the plug connection to the APPCON 3000. If necessary, you may need to purchase additional cable ties.

Insert the round plug of the cable into the counterpart of the APPCON 3000. Please pay attention to the position arrows which can be seen when pushing the cables together. Since this is a waterproof plug, the actual plug connection will require a noticeable amount of force. Therefore it is all the more important that the arrows point to each other to prevent damage to the pins of the connector.

Warning: If the two arrows are not on top of each other when pushing the plug together, they will destroy the plug, resulting in the immediate failure of the charging connection. Furthermore, the APPCON 3000 will no longer be ready for use and you will have to send it in for a costly repair. Therefore, pay particular attention to the correct positioning of the plugs when plugging them together, so that the arrows point to each other. Thank you!



Tip: If plug connections are very stiff, you can grease the round plug a little from the outside (e.g. ball bearing grease).

Light can be switched off

Note: To use the APPCON 3000, a driving light with on/off switch or an automatic sensor is required for proper function. When the light

is switched on, the APPCON 3000 charges only insufficiently with approx. 1 Watt. By the way, like all the others.

Light cable test

Test the light now to see if it works. If it doesn't light up at all or only weakly, it may be because the ground connection of the old light cable is reversed. In this case, swap the two connections of the old light cable. However, you cannot break anything. Don't worry. Now ride the bike for a short distance (5 meters are enough). The LED of the APPCON 3000 should now flash blue.

You have now successfully completed the installation!

If there is a problem somewhere and you get grey hair, call our hot-line in advance if possible: +49 (0) 2234-9494000 or +49 (0) 2234 20 38 911 or info@nc-17.de. Thank you

Important note

To prevent the ingress of water, the APPCON 3000 must never be sprayed or submerged with a sharp jet of water (hose, high-pressure cleaner). Always use the supplied carbon protective cover for the APPCON 3000.

lighting system

The APPCON 3000 „harvests“ the energy of the hub dynamo and thus charges its internal battery. However, the APPCON 3000 only draws energy from the hub dynamo when the bicycle lighting is switched off.

You switch on the energy management of the APPCON 3000 by switching off the bicycle lighting. At night it is therefore not possible or useful for the APPCON 3000 to harvest energy.

We recommend setting the bicycle headlight to automatic mode so that it is automatically switched off during the day. If your headlight has a daytime running light, you should switch it off. When the daytime running light is switched on, the APPCON 3000 harvests very little energy! Do not switch off the light of your bicycle at night or in the twilight in order to provide the APPCON 3000 with more energy from the dynamo. Safety on the road has priority! Always drive with the lights on at dusk and at night! Please observe the local legal regulations and their safety.

Note: Even if the APPCON 3000 can only harvest very little energy because the bicycle lighting is switched on, it can still operate the Bluetooth interface at any time and execute a tacho app on your smartphone with data on distance and speed. In addition, the APPCON 3000 can charge a USB device via its USB socket if its internal battery is sufficiently charged.

Note: The APPCON 3000 is a very efficient and powerful charger that continuously monitors its internal parameters for maximum battery life. This also includes the temperature. In case of overheating, the APPCON 3000 switches off the dynamo input for the time of overheating, the LED lights up white/red. At extreme temperatures, the USB output is also switched off. After cooling down, the process continues as usual. Nothing can break.

Charging the Smartphone

1. To use the APPCON 3000 function, you do not need an App. However, we recommend the use of our app, so you get a fully-fledged bike computer and see the charge status of the battery.
2. Connect the original USB charging cable of your smartphone to the USB socket of the APPCON. Note: You can charge almost all USB devices.

3. Drive a short distance if necessary (1 meter is enough) to wake the APPCON. The LED in the dark glass lid flashes.
4. A green or blue flashing LED means that the internal battery of the APPCON is sufficiently charged to start charging immediately.
5. A red flashing LED means that the internal battery of the APPCON 3000 is empty. You can now charge the APPCON 3000 with the supplied USB charging cable on a USB charger or by riding your bicycle.
6. quick charging technology mobile phones: The APPCON must first be charged to 17% on the bike before the USB output opens (red LED). This value is due to the fast charging technology of modern mobile phones (is complicated). There is nothing for them to pay attention to, everything is automatically controlled. If you still want to get the remaining capacity of the APPCONS you have to reboot the APPCON in the APP. (More info in the blog).
7. a USB charging cable is also included, which is compatible with your USB power supplies. You can use it to charge the APPCON 3000 at home. Description follows below.
8. The charging process of the smartphone continues even if your bicycle is stationary or the bicycle lighting is switched on. The APPCON 3000 draws its power from its internal battery.
9. When the bicycle is stationary for approx. 2 minutes, the APPCON 3000 switches itself off. Its USB socket is then de-energised if no customer, e.g. a mobile phone, is connected. If a mobile phone is connected, we continue to charge.

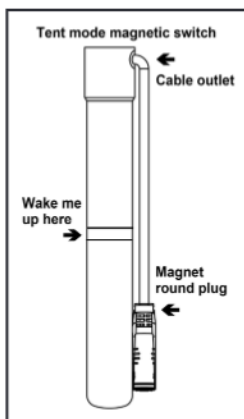
tent mode

The battery of the APPCON can also be used as a normal power bank. Charging at the power outlet is done via a normal USB power

supply, e.g. the charger of your smartphone. The necessary charging cable is included. Prerequisite for using the tent mode is that the APPCON is not in deep sleep.

Note deep sleep mode: The APPCON goes into a deep sleep mode after 2 weeks of non-use and switches off. No more LED flashes. No status is reported via Bluetooth. Mounted on the wheel, the APPCON 3000 wakes up again as soon as the wheel moves. It also wakes up automatically if you connect a USB power supply unit via the USB charging cable supplied.

To wake up e.g. in a tent (assuming the APPCON is not in deep sleep) you have to move the built-in magnet of the round plug to the engraving (wake me up here). This activates a magnetic switch. The exact position is opposite the cable exit from the housing. It is helpful to know this as you cannot see the engraving through the carbon protective cover. This sounds more complicated now. Simply swipe the built-in magnet of the round plug over the wake-up position on the case. The success of the wake-up is indicated by the flashing of the LED.



LED status display APPCON 3000

The LED is either off or flashing in different colors to indicate the status (red, green or blue).

Initial start-up:

When delivered, your APPCON 3000 is in deep sleep, the LED is off. To wake it up, simply connect the APPCON to a hub dynamo or a USB charger. After a few seconds the LED of the APPCON welcomes you in all colours. APPCON 3000 is now booted and ready for use.

LED flashes blue:

APPCON 3000 is switched on and can charge a connected USB device. Bluetooth is ready for pairing. Everything is perfect and works as it should.

LED constant blue:

APPCON 3000 is switched on and can charge a connected USB device. It is paired with your mobile phone, tachometer functions are active.

LED flashes green slowly for 60 seconds:

APPCON 3000 has switched off the Bluetooth connection and keeps the USB output open for 1 minute. If the USB output is not used, the APPCON goes into tent mode. With the magnet you can open the USB port again at any time. Is the USB Port open the green LED is flashing.

LED flashes red:

APPCON 3000 is switched on. Its battery is empty. Bluetooth is ready for pairing, but it cannot charge a connected USB device.

LED constantly red:

APPCON 3000 is switched on. Its battery is empty. It is paired with your mobile phone via Bluetooth, tachometer functions are active, it can only charge a connected USB device from a charge of 17%.

Wake up / switch on:

If the LED is off, you cannot charge a USB device. However, you can simply wake up the APPCON 3000 by moving the magnet around the centre of the housing (waking it up from tent mode). After waking the LED blue Bluetooth ready flashes 1 min and then green 1 min then the LED goes off. If a USB consumer is connected, it will be charged until the APPCON is empty. If no USB consumer is connected, the APPCON switches off the USB port after 2 min.

Wake up from deep sleep:

If you do not use the APPCON 3000 for more than 2 weeks, the device goes into a deep sleep in which the self-discharge of the battery is very low. Now a magnet can no longer switch on the APPCON 3000. As with the initial start-up, you can simply switch the APPCON on again by connecting it to the hub dynamo or a USB charger.

APPCON APP

Basically the APPCON is a charger for the power supply of a bicycle. As a small company we are very proud of the result. The App is an addition to the APPCON 3000 and needs some improvements. So please don't be so strict with us, we work on it and are open for improvement suggestions.

Note: The APPCON can be used without App at any time. Our app does not access any of your personal data or, if it does (Apple Health), it is only stored on your mobile phone. There is no thought or effort on our part to collect your information, let alone share it with others.

There will be a service function where the APPCON status can be read for error analysis by the user. This generated file can be sent to NC-17 by e-mail for analysis. All data will be in plain text in the e-mail. No further data will be transmitted.

Please note our privacy policy on our website www.NC-17.de

You can download the free app „AppConGT“ from the App Store for iOS or the Play Store for Android. This app turns your iPhone or Android phone into a comfortable bike computer and keeps a diary of all your bike tours.

Bluetooth pairing

Note: Not all mobile phones support the required Bluetooth 4.0 protocol. It is possible that in very few cases an update may be necessary for older phones.

TIP: If you have problems charging your mobile phone with the APPCON 3000 or establishing a Bluetooth connection, borrow a new generation Apple or Samsung device from a friend. If then everything works, you have excluded as far as possible all errors of the wiring or the APPCON.

If you want to use an app on your smartphone, you have to connect the APPCON 3000 with the app so that data can be transferred from the APPCON 3000 to the smartphone. You only have to do this once, directly in the app and not in the operating system. Both the smartphone and the APPCON 3000 save the pairing and recognize each other automatically during the next bike tour, without you having to perform the pairing again manually.

1. Download our free APPCON App AppConGT or another app that supports the Bluetooth 4.0 protocol from the Apple App Store or Google Play Store.
2. Please note that the APPCON 3000 is registered directly in the app and not in the operating system.
3. Drive a short distance (5 meters are enough) to turn on the APPCON 3000 or use the tent mode switch. The LED under the darkened window flashes. The readiness for coupling is indicated by a blue or red flashing.

4. The Bluetooth interface of the APPCON is now active. You now have 60 seconds to pair the app with the APPCON in the settings of the app. Follow the instructions of the app (App settings).
5. In the settings you can enter the tire size for your wheel and the number of poles of your dynamo. Done.
6. Please note that the APPCON 3000 only supports one connection simultaneously. You cannot operate an APPCON 3000 on two telephones at the same time. Unfortunately this is not technically possible.
7. The app, on the other hand, supports several simultaneous connections. In addition to the APPCON 3000, it is possible to connect further Bluetooth sensors, e.g. the Cadence or pulse sensors of NC-17.

Important Note: Firmware Update

Your APPCON 3000 has the possibility to be always up to date.

This is made possible by so-called firmware updates, which we install through the APPCONGT. If an update is available, the app will inform you. Schedule approx. 10 min time. A progress bar will be displayed. More help in the blog: www.APPCON3000.de

Charging the APPCON with a power supply unit

(power supply not included)

Only use commercially available USB power supplies with 5 volts, otherwise the APPCON may be damaged. Note: Very often the original charger of your mobile device is also suitable. The APPCON scope of delivery includes the charging cable with USB connection to the power supply unit and a 6-pin round plug, which is plugged into the APPCON.

Your APPCON is now charging and the LED lights up or flashes blue as long as the charging process lasts. As soon as the APP-

CON 3000 is charged, the LED changes to green. Are you curious? You can use our app on your smartphone during the charging process and have the charge status of the battery displayed in percent. After you have disconnected the APPCON from the mains plug, it automatically goes into the tent sleep mode.

Note: If the APPCON 3000 is charged via USB, its USB output is switched off. So you cannot load another USB device at the same time as the APPCON 3000 itself is being loaded via USB.

For more information follow our blog: www.APPCON3000.de

Intended Use

The APPCON 3000 charging electronics harvests the alternating current from its standard bicycle hub dynamo in order to convert it into direct current. The connection to other voltage sources, e.g. a mains transformer or a motor vehicle alternator, is considered improper and can lead to damage or injury.

The Powerbank integrated in the APPCON 3000 is exclusively intended for the power supply of devices with a USB operating voltage of 5 V to max. 2 Ampere direct current (mobile phones, navigation devices, tablets etc.). Any other use or use beyond this is considered improper and can lead to damage and injury.

Claims of any kind for damage resulting from improper use are excluded.

Maintenance and cleaning

Never use aggressive and abrasive cleaning agents, cleaning alcohol or other chemical solutions, as these can attack the housing or even impair its function. The product is maintenance-free for you, never disassemble it. The battery is permanently installed and may only be replaced by NC-17. Disconnect the product from the power

supply (USB port) and connected devices before cleaning. A dry, soft and clean cloth is sufficient for cleaning. Do not press too hard on the housing. **ATTENTION:** It has a very thin wall, this can lead to damage or scratch marks. The protection case (carbon cover) protects the APPCON 3000 from damage. Always keep the case and the APPCON 3000 clean to avoid scratches on the APPCON 3000.

Safety Instructions

In certain extreme loading/unloading scenarios, the APPCON 3000 can become hot. All protective measures have been taken - such as overcharge protection, overdischarge protection, short-circuit protection, overheating protection.

Temperature limits APPCON 3000:

Good temperature range: -19°C to 55°C ,

poor temperature range: less than -20° or greater than 60° .

The following temperature limits apply when charging the APPCON 3000 (e.g. charging by dynamo):

good temperature range: 0°C to 50.5°C

Poor temperature range: less than -5°C or greater than 51°C

If the poor temperature range is reached, the APPCON 3000 switches off individual functions. The red/white LED lights up until the unit has cooled down to the good temperature range.

Warning

Protect the APPCON 3000 from open fire! There is a risk of explosion. When the APPCON 3000 is opened or damaged, electrolyte may leak which is corrosive to the skin and eyes. Always protect the APPCON 3000 with the supplied carbon protective tube, in which it is safe from shocks and damage.

Electrostatic discharge:

This device is sensitive to electrostatic discharge. Protect the device from any possible electrostatic discharge.

Warranty

NC-17 Europe GmbH assumes no liability or warranty for damages resulting from improper installation and / or improper use of the APPCON or non-observance of the operating instructions.

warranty terms

The guarantee applies only to material and production defects. NC-17 Europe GmbH is not liable for the loss of possible data on sent devices. The free warranty refers to the repair or replacement of defective parts. Please understand that we cannot provide warranty services for e.g:

- misuse or improper handling, installation or application
- Damage, scratches or abrasion
- Modifications, interventions or repairs by third parties
- Damage due to force majeure or transport

However, we are a German craft business and always satisfy our customers if possible. Please give us a call if the shoe pinches, we will clarify that immediately. Best before you get grey hair.

Disposal

Obligation to inform according to battery law (BattG)

The APPCON 3000 is marked with the symbol of the garbage can and is subject to the European Directive 2002/96/EC. All old batteries and accumulators must be disposed of separately from household waste by the appropriate government authorities. As a consumer, you are legally required to dispose of your batteries via locally available return and collection systems or via

NC-17 Europe GmbH

Zur Mühle 2-4, 50226 Frechen,

info@nc-17.de, Phone +49 2234 94 94 000

CE Declaration of Conformity

This product complies with the essential requirements of the Act on Radio Installations and telecommunications terminal equipment (FTEG) and Directive 1999/5/EC (Article 3 of the R&TTE).
MSDS: ATSU180413211
UN38.3: ATSU180413211

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.

- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution:

To comply with the limits for an FCC Class B computing device, always use the shielded signal cord supplied with this unit.

The Federal Communications Commission warns that changes or modifications of the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



M/N: CC2564MODA

FCC ID: Z64-2564N

IC: 451I-2564N

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Good to know:

The regulations governing the carriage of baggage on an aircraft are constantly changing. The following tip is therefore only a snapshot: The APPCON 3000 may only be carried in hand luggage, not in a suitcase. The regulations for carrying a Powerbank apply.



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