

User Manual

Initial Setup: Required Permissions

The first thing to do after installation is to grant the permissions requested by the app.

These permissions are used solely to allow CallShield to function as a ****phone call filter****.

Our app:

I guarantee that it does not include features that:

- * read your messages;
- * send personal information;
- * collect personal data;
- * monitor the content of your conversations;
- * send promotional messages.

The permissions are needed solely to allow the Android system to notify the app of incoming calls and enable it to apply the configured protection rules.

Prevent Android from Disabling Protection

Android phones may automatically suspend apps running in the background to save battery life.

To prevent this from happening:

1. Open your phone's ****Settings****.
2. Go to the ****Battery**** section.
3. Open ****Battery Optimization****.
4. Search for ****CallShield****.
5. Select ****Do not optimize****.

This way, Android won't pause the protection service, and CallShield can continue filtering calls even after many hours or days.

Phone Book (contact saved)

This module ensures that numbers in your phone book are always allowed.

If this module is enabled, a contact saved in your phone can call you

even if other blocking modules would normally prevent the call.

It is designed to prevent you from missing important calls from family, friends, coworkers, or people you know.

Allowed List

The allowed list lets you create a custom list of authorized numbers.

Numbers added to this list will be able to call you regardless of any other blocking rules you've set up.

This is useful, for example, for:

- * important numbers not saved in your contacts;**
- * companies or services that need to be able to contact you at all times;**
- * specific people you want to authorize.**

VoIP Call Blocking

VoIP calls use the Internet instead of the regular telephone network.

Many automated call center systems and some spam operations use VoIP switchboards because they allow for large volumes of automated calls.

By enabling this module, you can significantly reduce this type of call.

It's possible that some legitimate calls also use VoIP systems, but normally a real and important service has other ways to contact you.

Blocking International Numbers

This module lets you choose which countries can call you.

For example, if you select only Italy, calls from international area codes other than the Italian one will be blocked.

It's particularly useful against:

- * automated calls from abroad;**
- * scam attempts using international numbers;**

*** calls from countries with which you have no connection.**

Blocking Number Patterns: The Most Powerful Feature

This is one of the most important features.

Many people think that blocking spam requires knowing millions of phone numbers.

In reality, that's not the case. Many call centers, automated systems, and numbers used for spam share a common characteristic: **the numbers often belong to groups with very similar leading digits****. With this method, you can block unwanted calls without having to manually create thousands of blocks and without having to know millions of numbers. Everyone can customize it based on their own unwanted calls by tracking and noting the unwanted numbers that contact you.**

Our app lets you block these sequences without having to enter every single number.

How does it work?

A complete scam or call center number might be:

****+390541234567****

Instead of blocking only this number, you can enter a shorter pattern:

****+39054****

The result will be that any number starting with +39054..... will be blocked

*** +390541234567 → blocked**

*** +390548765432 → blocked**

*** +390549998877 → blocked**

Any number starting with that sequence will be recognized and blocked. You must enter the number pattern in the field under the menu options; you must also include the area code if the number contains one. For example, if the number is +390220304055, you must first enter +39 in the appropriate field, then the number you want to block or the number combination of your choice—for example, 022030.... etc.

Practical Example

Let's say you're receiving a lot of unwanted calls from numbers like these:

**+390511234567
+390511987654
+390511555555**

Notice that the beginning is always:

****+39051****

You can set up a block:

****+39051****

This will block all numbers starting with that sequence. For example, if you know it's extremely rare or nearly impossible for you to receive calls from Italian 051 numbers, you could block them like this:

+39051 using this parameter. At that point, no call center with that prefix will be able to reach you. I've blocked all call centers this way.

This means you don't have to keep track of every new number used by call centers.

Why is this more effective than blocking a single number?

Call centers can constantly change their numbers.

If you block:

+390541234567

they might call you tomorrow using:

+390541234568

or:

+390541999999

Blocking by pattern, on the other hand, tackles the problem at its root because it recognizes the group of numbers.

Another example

If you receive calls from numbers such as:

**+39022110022
+39022115555
+39022119999**

you might notice a common part:

****+39022110****

By entering this sequence into the block list, all subsequent numbers that start the same way will be filtered out.

A practical tip

When you receive an unwanted call:

- 1. Look at the number.**
- 2. Look for a common prefix shared with other similar numbers.**
- 3. Enter that sequence into the block pattern.**
- 4. Let our app automatically handle all new variations.**

With this method, you can block unwanted calls without having to manually set up thousands of blocks and without having to memorize millions of numbers. Everyone can customize it based on their own unwanted calls by tracking and noting the unwanted numbers that contact them.

The strength of this system lies precisely in this: **you don't need to know all the spam numbers; you just need to recognize their pattern.**

VIBRATION SCHEDULE:

This feature is interesting. You can configure your phone to vibrate at specific times and on specific days. For example, suppose that on Wednesdays at 6:00 PM you have a class and can't let your phone ring; in that case, you can set the phone so that on Wednesdays from 6:00 PM to 8:00 PM, it won't ring but will vibrate instead.

NUMBER PLAYLISTS.

This feature is really useful and important.

You can create lists of numbers by assigning them a name, and then decide at what times and on which days they can reach you or be blocked if you plan to block certain calls. Your activated playlist allows you to set the day and time when one or more numbers can reach you. You can create multiple number lists with different names.

Vibration Schedule

This feature lets you decide **when the phone should vibrate instead of ringing, based on the days and times you choose.**

It's useful in all those situations where you want to continue receiving important calls without disturbing the people around you.

Examples:

- * during a class;**
- * during a work meeting;**
- * at the office;**
- * at the library;**
- * during breaks.**

Let's say, for example, that every Wednesday from 6:00 p.m. to 8:00 p.m. you attend an in-person class and can't leave your phone on ring mode.

You can configure CallShield as follows:

****Day:** Wednesday**
****Time:** 6:00 PM to 8:00 PM**
****Mode:** Vibrate**

During that time slot, allowed calls will come through without a ringtone, using vibration instead.

You can create multiple time slots based on your needs.

Number Playlists

The Number Playlists feature lets you create custom groups of contacts and decide **on which days and at what times these numbers can reach you.**

This feature is designed to help you manage different situations in your daily life.

You can create multiple playlists with different names, for example:

- * **Work****
- * **Family****
- * **Clients****
- * **Leisure****
- * **Emergencies****

Within each playlist, you can add one or more numbers and specify:

- * which days they're allowed to call;**
- * which time slots are active;**
- * when they can call you;**
- * when they should be blocked.**

Practical Example

Create a playlist named:

****Work****

Add the phone numbers of your coworkers or clients.

Set the following:

****Monday - Friday****
****8:00 AM - 6:00 PM****

During these hours, calls from the numbers in the playlist will reach you.

Outside of these hours, if you've enabled blocking for that group, calls will be handled according to the rules you've set.

Another example:

Create a playlist:

****Family****

Add the numbers of the people you always want to be able to reach.

You can configure it to handle these calls differently from work

numbers or other contacts.

The power of playlists is that they let you turn your phone into a smarter tool:

you don't just decide **who can call you****, but also ****when they can do so****.**

You can create multiple independent playlists and use them to organize your call handling according to your personal habits.