

# Merlino

YOUR PERSONAL SIDEKICK FOR  
SWIMMING POOL MANAGEMENT

*Bucurati-va de  
relaxare, la piscina  
se gandeste el*



**Asistentul personal  
pentru controlul  
piscinei si al  
accesoriilor**



**Conectare WI-FI  
pentru gestiunea facila  
folosind telefonul**

WI-FI connection for easy  
management via your phone



**Conectarea prin aplicatie  
pentru gestionarea si de  
la distanta**

Connection via APP to manage  
the pool remotely

Nici un  
gand, totul  
sub control!



# Sa gestionezi piscina ta, oriunde te-ai afla, nu a fost niciodata mai usor

Managing your pool, wherever you are, has never been easier.



C.P.A. srl ofera avantajul unei piscine cu accesorii interconectate, cu maxima eficienta si performante ridicate. Datorita disponibilitatii imediate ale informatiilor piscinei pe ecranul telefonului , e posibila controlarea parametrilor de la sistemul de filtrare , la incalzire , chiar si corectarea chimica in caz de nevoie. Simplitatea utilizarii acestui sistem va permite folosirea piscinei la calitatea maxima a acesteia , limitant consumul electric si mentinand o abordare durabila si constienta a piscinei. In plus este un sistem universal care poate fi instalat si configurat pe toate piscinele , noi sau existente , conceput intentionat "DESCHIS" pentru a permite toate configuratiile posibile

C.P.A. srl offers the advantage of a pool with interconnected, high-performance and highly efficient products, designed to work together effectively and always under control, even remotely. Hence Merlino, the innovative system that uses home automation to improve pool management, even remotely. Thanks to the immediate availability of pool information within reach of a mobile phone, it is possible to control everything from the filtration system to circulation, from the state of the water to heating, and to be able to act promptly with the correct chemical treatment if necessary. The simplicity of use of this system allows you to enjoy your pool to its fullest, limiting water and electricity consumption and maintaining a sustainable, pool-conscious approach. It is also a universal system that can be installed and configured on all pools, new or existing, specifically designed as an "open" system so as not to preclude any possible configuration.

## FUNCTIILE PRINCIPALE ALE LUI MERLINO MERLINO MAIN FEATURES:

O simpla atingere in aplicatia Merlino si vei putea controla:



**Illuminat:** cu temporizarea luminilor e posibila programarea aprinderea proiectoarelor , gestionarea culorilor , crearea unui preset , pornirea lui pe ritmul muzicii!



**Filtrarea :** controlare timpilor de filtrare cu posibilitatea setarii personalizate si pe sezon , controland pana al 4 pompe (viteza unica sau variabila)



**Temperatura :** este posibila monitorizarea constanta a temperaturii apei din piscina , in plus , datorita pompelor de caldura special concepute , e posibila racirea/incalzirea apei prelungind astfel perioada de utilizarea a piscinei



**Hidromasaj:** cu o simpla comanda e posibila scufundarea intro infinitate de bule programand momente de bucurie



**Dezinfectare:** este posibila verificarea valorii parametrilor esentiali ai apei , pentru a putea preveni eventualele probleme si garantarea unei ape intotdeauna perfecta



**Alarmer:** avertizarea de fiecare data la o posibila alarma . De exemplu daca se termina produsele chimice , daca nivelul din bazinul de compensare este scazut sau ridicat, etc. Nici un gand totul va fi sub control !

A simple tap in the Merlino APP will allow you to control:

**Lighting:** with the light timer you can programme light switch-ons, manage colours, create a preset, switch them on to the rhythm of music!

**Filtration:** control of filtration times with the possibility to set customised timers even per season controlling up to 4 pumps (single or variable speed)

**Temperature:** you can constantly monitor the temperature of the water in the pool. Moreover, thanks to the specially designed heat pumps, you can cool and/or heat the water and thus extend the period of use of the pool.

**Hydromassage:** With a simple control, you can immerse yourself in an infinity of bubbles, programming moments of pure well-being.

**Disinfection:** You will be able to check the value of significant water parameters so that you can prevent any problems and ensure that the water is always perfect.

**Alarms:** Alerts will be triggered whenever an alarm occurs. For example, if the chemicals run out, if the level in the compensation tank should drop or rise too much, etc. No worries, everything will be under control!



**DESCARCA  
APLICATIA  
pe Android**



**Monitorizare  
si gestiune ai  
parametrilor piscinei  
in timp real**

*Real-time monitoring  
and management of pool  
parameters*



**Conectare WI-FI  
pentru gestiunea facila  
folosind telefonul**

WI-FI connection for easy  
management via your phone



**Conectarea prin aplicatie  
pentru gestionarea si de la  
distanța**

Connection via APP to manage the  
pool remotely



**COMFORT  
COMFORT**

Control si analiza instantaneu ai tuturor parametrilor care determina calitatea apei in piscina: temperatura, eficienta filtrarii si stabilitatea parametrilor chimici . datorita multitudinii de senzori , Merlino supravegheaza cu privire de expert, performatele piscinei.



**SANATATE  
HEALTH**

Optimizeaza utilizarea produsele chimice pentru tratamentul apei in bazin , evitand conditiile de supra/ sub dozaj , Merlino va controla calitatea apei si va proteja pielea d-voastra si a celor dragi.



**CONTROL  
CHECK**

Dotat cu o inteligenta si atonomie decizionala , previne dezechilibrele in gestionarea chimica si electrica a piscinei , va trimite in cazul unui eveniment neasteptat care necesita atentiea d-voastra, o alerta personalizata: Merlino va ghideaza spre o gestiune corecta a piscinei.



**ECONOMIE  
SAVINGS**

Optimizeaza consumul energetic comandand dispozitivelor electrice ale piscinei . cu un echilibru eficient al apei , veti limita uzura si veti proteja piscina si echipamentele acesteia.



**EFICIENTA  
EFFICIENCY**

Eficientizeaza consumul de produse chimice , controleaza si optimizeaza functionarea echipamentelor de filtrare , reglare si dezinfectare, optimizand consumurile.

*Instalare simpla  
si rapida*

## AVANTAJELE MERLINO: THE ADVANTAGES OF MERLINO:

- Monitorizare completa a piscinei direct pe telefon
  - Genstiunea piscinei si de la distanta in mod autonom prin intermediul Aplicatiei gratuite pentru Android
  - Eco-sustenabil, reduce consumul de energie si produse chimice
  - Toate functiile si datele piscinei sunt la indemana , intotdeauna , chiar si departe de casa
  - Avertizare prin alarme in cazul eventualelor probleme
  - Utilizarea piscinei in siguranta , cu personalizarea temporizatorului pentru parametri apei
- Complete pool monitoring directly from your mobile phone
  - Manage your pool remotely via free App for IOS and Android
  - Environmentally friendly, reducing energy consumption and chemicals
  - All pool functions and data at your fingertips, always, even away from home
  - Alerts via alarms in the event of any problems
  - Use the pool safely by customising timers linked to water parameters

## DOTARI SI VERSIUNI MERLINO: FEATURES AND VERSIONS OF MERLINO:

- Modul Hidro: 4 iesiri cu releu pentru gestionarea in paralel sau singular ale dispozitivelor de hidromasaj
  - Senzor de flux si de temperatura
  - Modul de comanda baterie de contraspalare cu 5 electrovane : automatizarea timpilor de spalare a filtrului/lor
  - Placi de comanda curent maxim: optiune extra pana la 3 placi de protectie cu control electric in plus fata de ce oferita in versiunea baza
  - Controlul parametrilor apei : masoara si controleaza PH-Rx si T, sau Ph Clor liber si Temp. , prin relee, dispozitivele de dozaj/tratament ca exemplu pompe electromagnetice sau electrolize de sare , cu senzori de nivel pentru avertizarea nivelului de produse chimice din rezervor
  - Conectare Cloud: monitorizare si gestiunea de la distanta a Merlino prin aplicatia
- Hydro module: 4 relay outputs for managing hydromassage devices in parallel or individually
  - Flow and temperature sensor
  - Backwash battery control module with 5 electro-actuated valves: timed automation of the backwash of the filter(s)
  - Maximum current control cards: optional addition of up to 3 other protection cards with current control in addition to the one supplied in the basic version
  - Water parameter control: measures and controls pH-Rx and T, or pH-Cl and T, piloting, via relay, the dosing/treatment devices such as electric pumps or electrolytic generators, with level sensors for signaling the end product.
  - Cloud connection: remote monitoring and management of Merlino via dedicated APP

## CONFIGURATII STANDARD STANDARD CONFIGURATIONS

Codice /code	Descrizione /description
1040066	Panou de comanda Merlino , App prin telefon pana la 2 CP monofazic / Merlin APP by Phone panel up to 2 HP single-phase
1040073	Panou de comanda Merlino App prin telefon 1 pompa de CP monofazic / Merlin APP by Phone panel 1 pump 3 HP single-phase
1040074	Panou de comanda Merlino App prin telefon 1 pompa pana la 2 CP trifazica / Merlin APP by Phone panel 1 pump up to 2 HP three-phase
1040075	Panou de comanda Merlino App prin telefon 1 pompa pana la 3 CP trifazica / Merlin APP by Phone panel 1 pump 3 HP three-phase
1040067	Panou de comanda Merlino App&Cloud prin telefon pentru control de la distanta / Merlino panel APP & Cloud by Phone remotely controlled
1040068	Panou de comanda Merlino APP&CLOUD prin telefon Modul DOS Chem PH/RX /Merlino panel APP & Cloud by Phone Dos Chem pH/Rx module
1040071	Panou de comanda Merlino App & CLOUD prin telefon , modul DOS CHEM ph/CL / Merlino panel APP & Cloud by Phone Dos Chem pH/Cl module
1040070	Panou de comanda Merlino APP&CLOUD prin telefon , modul comanda baterie contraspalare 5 electrovalve /Merlino panel APP & Cloud by Phone, 5-valve backwash battery control module



**FILTRAREA**  
**Pompa Serena**  
*filtration*



**TRATAMENT**  
*treatment*



**INCALZIRE**  
**Pompa Indiana Evo**  
*heating*



**ILLUMINATIE**  
**Proiettore Real**  
*lighting*



**ACOPERIRE**  
**SECURITATE**  
**Safety Cover**  
*security cover*



## ECONOMISIRE DE ENERGIE CU MERLIN SI ACCESORII C.P.A. SRL

Pornirea si oprirea sistemului de filtrare , al iluminatului , al pompei de caldura si toate celelalte accesorii, sunt foarte usor programabile datorita MERLINO.

In plus, controland in mod punctual si precis parametrii esentiali ai apei , si consumul de produse chimice va fi redus la strictul necesar .

Cu Merlino, optimizarea si economia sunt garantate.

ENERGY SAVING WITH MERLIN AND ACCESSORIES C.P.A. SRL

Switching the filtration system, floodlights, heat pump and all accessories on and off is conveniently programmable with Merlino. Furthermore, by precisely and precisely controlling the essential water parameters, chemical consumption will also be reduced to the bare minimum.

Optimisation and savings are guaranteed with Merlino.