



# BellBird ES

## BellBird ES electronic sirens

type WSS-BB-ES-120



Durability, reliability, intelligibility, low maintenance and operating costs, investment protection thanks to modular design – these are the most important features of electronic sirens for the 21st century. With this vision, BellBird ES was developed, a modular electronic siren primarily intended for acoustic public warning and notification in crisis situations, such as floods, fires or leaks of hazardous chemicals. Thanks to their independence from the public networks, they work even in situations where mobile networks are congested or unavailable, electricity supplies are disconnected and the internet and public media do not work.

The siren can be controlled locally from the control panel or remotely. Thanks to the universal interface, the siren can be remotely controlled via the nationwide radio network or via other transmission networks or protocols (GSM, LTE, DMR, TETRA, IP and others).

### Public warning systems

| MODULAR, POWERFUL, INTELLIGIBLE!

SAFETY **n o w**





**BellBird ES**



## KEY FEATURES:

- AUTONOMOUS WARNING SYSTEM IN CASE OF BLACKOUT
- AUDIO MESSAGES INTELLIGIBILITY
- INVESTMENT PROTECTION THANKS TO MODULAR DESIGN
- ADVANCED AUTO-DIAGNOSTIC FUNCTIONS
- EASY AND INTUITIVE CONTROL
- DURABLE AND RELIABLE TECHNOLOGY
- POSSIBLE CONTROL FROM THIRD PARTY APPLICATIONS
- IN-HOUSE HARDWARE AND SOFTWARE DEVELOPMENT

## TECHNICAL SPECIFICATIONS:

Number of amplifiers:	1–6
Output power:	350–2 100 W
Sound pressure level:	110–125 dB @ 30 m
Power supply:	230 V/50 Hz
Standby consumption:	14 W (SLEEP AMP mode) / 6,5 W (OFF AMP mode)
Batteries backup voltage:	2 × 12 V
No batteries operation:	YES (with AC/DC module)
Communication interfaces:	LAN Ethernet UDP/IP (API available) 3 × RS 232 serial port 1 × USB 1 × FM receiver
Inputs/Outputs:	6 × digital input 2 × digital output 4 × relay output (2 × monostable, 2 × bistable) 1 × analogue input 4 × audio input 1 × audio output
Local control:	display + 4 control buttons, microphone, 3,5 mm JACK input for external audio
Remote control:	any radio (DMR, TETRA, LTE, GSM etc.)
Dimensions:	690 × 600 × 320 mm
Weight:	40–63 kg according to the configuration (no batteries)
Operating temperature:	-25 °C až +60 °C




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