

# RTS DIGITAL PARTYLINE

DIGITAL BELTPACK OVERVIEW



## DBP (DIGITAL BELTPACK)

### RTS introduces DBP – new member of the RTS Digital Partyline intercom product family

DBP is a four-channel/four-button wired beltpack that runs on PoE (Power over Ethernet 802.3af and 802.3at) and connects using OMNEO IP technology (Dante, AES70 and more). Its unique hybrid design supports both digital partyline and matrix keypanel modes: for use as a digital partyline device, DBP connects to an OMS; for use as a portable keypanel,

including functionality like point-to-point communication, DBP can be connected to any RTS digital/IP matrix product using OMNEO – including OMI cards in ADAM/ADAM-M frames or OMNEO ports on ODIN frames. DBP automatically selects the correct mode of operation (digital partyline/OMS or keypanel/matrix) when connected and switched on.

### HYBRID FUNCTIONALITY



Operate DBP in partyline mode with OMS (OMNEO Main Station) or in portable keypanel mode with an RTS matrix (ODIN/ADAM) – one device covers it all

### DAISY CHAINING



Connect DBP to a PoE switch via OMS/ODIN/ADAM and up to six DBPs can be daisy chained together

### USER FRIENDLY



Lightweight and ergonomic design with full-color icon-based menu navigation for quick setup and intuitive operation

### ENGINEERING EXCELLENCE

Patent-pending design aesthetics make DBP comfortable and easy to use. Though lightweight and compact, the unit's robust construction ensures it is ready for the toughest working environments. DBP's over-molded ergonomic volume knobs and rubber enclosure detailing provide extra grip and drop resistance, and it is IP53 rated for protection against dust and water spray.



# DBP

DIGITAL BELTPACK

AV RENTAL

STAFF

BROADCAST

ENTERTAINMENT

HOUSES OF WORSHIP

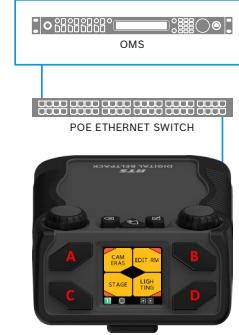
THEATER

## COMPREHENSIVE CONNECTIVITY

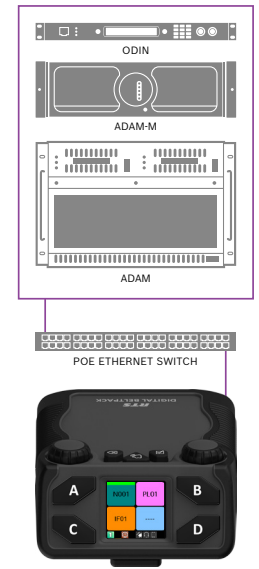
DBP's PoE-driven design gives it an unmatched level of scalability and makes it easy to add new users. In and Out PoE ports (two etherCON locking RJ45 connectors) allow up to six DBP devices to be daisy-chained together from the same PoE switch port when used in partyline mode. Up to 40 DBPs can be connected to an OMS, allowing for the creation of an extensive digital partyline system – all in addition to the other wired and wireless devices OMS supports. Depending on the matrix model/configuration, up to 64 DBPs can be connected to a single OMI card for ADAM matrices, and up to 128 DBPs can be connected to one ODIN.



### PARTYLINE MODE



### KEYPANEL MODE



## I/O OVERVIEW

While its control layout will be immediately familiar to partyline users, DBP offers a user experience that will exceed expectations. Its intuitive icon-based menu navigation system is presented via a full-color, sunlight-readable TFT display with anti-reflective lens, making configuration quick yet precise for users of all levels, in any light conditions. TALK and LISTEN capability for up to four simultaneously active partylines (i.e. access to a pool of up to 16 partylines) is controlled via four large backlit channel buttons, which can also be assigned for dedicated resources such as relay control.

DBP's digital audio technology provides increased fidelity and a lower noise floor in comparison to analog. Both 3.5 mm TRRS and XLR connectors are provided for connecting headsets, with three different XLR options available: 4-pin female, 4-pin male and 5-pin female (supporting stereo audio for different feeds on the left and right headphones). Incoming CALL notifications are via audible alerts or haptic vibration.

DBP also supports Bluetooth® audio connectivity, making it easy to bring other kinds of devices into the system.



PoE out connector  
PoE in connector

AUX connector  
Headset connector  
(4 pin female and male options also available)

Covered USB port for Bluetooth® connectivity



Talk keys (A,B,C,D)

Display screen

Master & key B and D volume control

Select button

Master & key A and C volume control

CLR / back button

Call button

Lanyard loop

Belt clip

## GENERAL SPECIFICATIONS

<b>Width x height x depth</b>	3.94" x 5.51" x 2.64" (100 mm x 140 mm x 67 mm)
<b>Weight</b>	0.75 lbs (340 g)
<b>Power supply</b>	DC PoE 802.3af / 802.3at
<b>Max power</b>	4.0 W (based on PoE DC input)
<b>Operating temperatures</b>	32° F – 122° F (0° C – 50° C)
<b>Storage temperatures</b>	-4° F – 158° F (-20° C – 70° C) with 15% – 90% relative humidity
<b>Compliance</b>	CE compliant, UL certified

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