# **Logic** In-Vehicle Charger

DATA SHEET

## Integrated, intelligent charger

Logic Wireless' range of in-vehicle chargers brings charging technology and radio cradles together, for a compact yet rugged in-vehicle 'Smart' charging solution.

### Fully integrated 'Smart' charging device

Customers are assured their battery is revitalised, equalised and optimised with every charge cycle, using Logic's customised and fully integrated radio cradle and smart charging system.

### Compact design takes up little in-vehicle real estate

One of the challenges in many work vehicles today is finding space to install large mobile radios, the new integrated intelligent charger has a ruggedised small cradle which requires minimal real estate in a vehicle.

A rugged and reliable all-in-one in-vehicle 'Smart' charging solution.
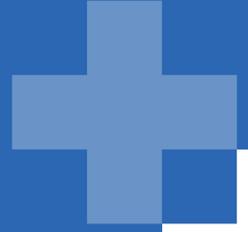
### KEY FEATURES

**Rugged build**
- Rugged Alpha Contact battery connections
- Machined solid acetal plastic
- Retention strap, rated 20G

**Intelligent design**
- One cable installation - DC locking connector
- Plug 'n' Play installation available*
- Intelligent pulse charging technology
- 4 AMPS standard mounting pattern

**User friendly**
- Tri-colour LED indication for at-a-glance visibility of charge

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## TECHNICAL SPECIFICATIONS

| DIMENSIONS | |
|---|---|
| **Radio holder (LxWxD)** | 133mm x 66mm x 57.3mm |
| **Weight** | 245g |
| **BATTERY** | |
| **Compatible battery chemistries (charger-specific)** | Li-Ion / LiPo (7.2V – 10.8V) |
| **ENVIRONMENTAL** | |
| **Operating temperature** | 0° C – +45° C |
| **CHARGER** | |
| **Input** | 10V – 30V DC @ 1000mA (minimum) |
| **Rate** | Up to 1,000mA |
| **Contact type** | High impact and vibration tolerant alpha contact™ |
| **Contact cycle life** | 20,000+ insertions |
| **BUILD** | |
| **Radio holder material** | Black acetyl with aluminum back plate |
| **DC Power Cable** | 16 AWG / 3A in-line fuse / 3.0 m |
| **Status LED** | Tri-color (red / orange / green) |

## ACCESSORIES



**From L to R:** Cigarette cable; Multi-directional mount; Heavy duty truck mount; Adhesive window mount; 6-bay* Transportable charging case.

## PART NUMBERS

| DESCRIPTION | PART NUMBER |
|---|---|
| Logic in-vehicle charger *(all models except MT19)* | LEVCA-XXX |
| Logic in-vehicle charger *(Suits Motorola APX 6/7/8000)* | LEVCA-MT19 |

| DESCRIPTION | PART NUMBER |
|---|---|
| 12 V plug 'n' play cigarette cable | LEVCA-VPA |
| Multi-directional mount with screw fixings | LEVCA-MULTI MOUNT |
| Heavy duty truck mount with screw fittings | LEVCA-HD-MOUNT |
| Adhesive window mount | LEVCA-W-MOUNT |
| Customised and rugged 6-bay* transportable charging case *(Can include up to 6 any branded Logic in-vehicle chargers)* *\*Up to 12-bay transportable charging case option is available on request.* | LEVCA-6PCCS-XXX |

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## COMPATIBILITY MATRIX

| MODEL | COMPATIBLE BATTERY | RADIO |
|---|---|---|
| **LEVCA-EF2/MT13** | EF Johnson - 587-5700-374 | VP600, 51SL ES |
| | Motorola - NNTN7335, NTN9862 | XTS1500, XTS2500, XTS3000, XTS5000, MT1500, PR1500 |
| **LEVCA-HY4** | Hytera - BL1504 | PD500, PD600 series |
| | Hytera - BL2008 | PD700 series |
| | Hytera - BP2002, BP2403 | HP Series - up to 85% charge |
| **LEVCA-IC3** | Icom - BP232LI | IC-F14, IC-F15, IC-F24, IC-F24S, IC-F33GS, IC-F33GT, IC-F34GS, IC-F34GT, IC-F43GS, IC-F43GT, IC-D43TR, IC-F44GS, IC-F44GT, IC-F3011, IC-F3021, IC-F3023, ICF3031S, IC-F3033S, IC-F3163, IC-F3230 (DT/DS), IC-F3261 (DT/DS), IC-F3263, IC-F4011, IC-F4021, IC-F4023, IC-F4031S, IC-F4033S, IC-F4163, IC-F4230 (DT/DS), IC-F4261 (DT/DS), IF-F4263 |
| **LEVCA-KW3** | Kenwood KNB-24L | NX220, NX320, NX420 |
| | Kenwood KNB-35L | TK2160, TK2170, TK2360, TK3140, TK3160,TK3170, TK3173, TK3360 |
| **LEVCA-KW4** | Kenwood - KNB-47L | NX200S, NX210, NX300, NX300S, NX410, NX411 |
| | Kenwood - KNB-L1 | TK5210, TK5210G |
| | Kenwood - KNB-33L | TK5220, TK5310, TK5310G, TK5320, TK5410 NX5200, NX5300, NX5400 TK3180 |
| **LEVCA-MT16** | Motorola - PMNN4448 | APX1000, APX3000, APX4000 |
| | Motorola - PMNN4077 | DP2400, DP2600, DP3400, DP3600, DP4400, DP4600, DP4800 MOTOTRBO R7 series |
| | Vertex Standard - FNB-V117L | VXD720 |
| **LEVCA-MT19** | Motorola - NNTN7033 | APX6000XE, APX7000, APX7000XE, APX8000 |
| **LEVCA-TA2** | Tait - T03-00011-AAAA Tait - T03-00011-CAAA Tait - T03-00011-EAAA | TP8000 and TP9000 series |

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### About Logic Wireless

Logic Wireless is a Value-Added Distributor of business-critical communications products, solutions and accessories. We pride ourselves on delivering and supporting high-quality solutions from leading manufacturers including Tait Communications, Hytera Communications, Radio Activity, Sonim Technologies, Sensear, Siyata Mobile, ACT (Advanced Charger Technology) and more.

Logic has taken every care in producing this product data sheet, but changes to our design, technical specifications, visuals and other information included in this sheet could occur. For the most up-to-date information please visit our website **www.logicwireless.com**