

# Integrated Intelligent Charger.

Revitalise.

Equalise.

Optimise.



 **logic**™  
IN-VEHICLE  
CHARGER





## Key Features

- 1 Rugged **Alpha Contact** battery connections
- 2 Machined solid acetal plastic
- 3 Tri-colour LED indication
- 4 Retention Strap, rated 20G
- 5 4 AMPS standard mounting pattern
- 6 One cable installation - DC locking connector  
Plug 'n' Play installation available\*
- 7 Intelligent Pulse Charging Technology



The Logic In-Vehicle charger range has been developed over many years to face various rugged environments, with great success. With the new development of the integrated intelligent charger, brings the charging technology and radio cradle together, to make a rugged in-vehicle charging solution.

By creating a customised radio cradle and smart charging system that is fully integrated into one device, customers can now ensure their battery is revitalised, equalized and optimised with every charge cycle.

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.

The cradle retains the strength of the CNC machined solid acetal plastic and alpha contact battery connections. These two design concepts have proven to be very rugged and provide long term durability.

## Revitalise.

Intelligent pulse charging technology will protect the battery from generating a memory effect.

## Equalise.

Ensures the voltage in the battery cells are equalised and are performing to the highest levels during use, providing maximum daily output of your battery, lasting longer in the field.

## Optimise.

Automatically tops up the battery and retains charge levels during busy work shifts, where radio and battery units may get moved in and out of the charger many times a day.

## Accessories

### LEVCA-VPA

12 V Plug 'n' Play cigarette cable



### LEVCA-MULTI MOUNT

Multi-directional mount with screw fixings.



### LEVCA-HD-MOUNT

Heavy duty truck mount with screw fittings.



### Customised and Rugged Transportable Charging Case

Built to customer's requirements - four and six bay versions available. 240v and 12/24v charging capability.



| MODEL          | COMPATIBLE BATTERY  | RADIO  |
|----------------|---|--|
| LEVCA-EF2/MT13 | EF Johnson - 587-5700-374<br>Motorola - NNTN7335,<br>NTN9862              | VP600, 51SL ES<br>XTS1500, XTS2500, XTS3000, XTS5000,<br>MT1500, PR1500  |
| LEVCA-HY4      | Hytera - BL1504<br>Hytera - BL2008  | PD500, PD600 series<br>PD700 series  |
| LEVCA-IC3      | Icom - BP232LI  | IC-F14, IC-F15, IC-F24, IC-F24S, IC-F33GS, IC-F33GT, IC-F34GS,<br>IC-F34GT, IC-F43GS, IC-F43GT, IC-D43TR, IC-F44GS, IC-F44GT,<br>IC-F3011, IC-F3021, IC-F3023, IC-F3031S, IC-F3033S, IC-F3163,<br>IC-F3230 (DT/DS), IC-F3261 (DT/DS), IC-F3263, IC-F4011,<br>IC-F4021, IC-F4023, IC-F4031S, IC-F4033S, IC-F4163, IC-F4230 (DT/DS),<br>IC-F4261 (DT/DS), IF-F4263 |
| LEVCA-KW3      | Kenwood KNB-24L<br>Kenwood KNB-35L  | NX220, NX320, NX420<br>TK2160, TK2170, TK2360, TK3140, TK3160, TK3170, TK3173, TK3360  |
| LEVCA-KW4      | Kenwood - KNB-47L<br><br>Kenwood - KNB-L1<br>Kenwood - KNB-33L            | NX200S, NX210, NX300, NX300S, NX410, NX411, TK5210, TK5210G,<br>TK5220, TK5310, TK5310G, TK5320, TK5410<br>NX5200, NX5300, NX5400<br>TK3180  |
| LEVCA-MT16     | Motorola - PMNN4448<br>Motorola - PMNN4077<br>Vertex Standard - FNB-V117L | APX1000, APX3000, APX4000<br>DP2400, DP2600, DP3400, DP3600, DP4400, DP4600, DP4800<br>VXD720  |
| LEVCA-MT19     | Motorola - NNTN7033   | APX6000XE, APX7000, APX7000XE, APX8000   |
| LEVCA-TA2      | Tait - T03-00011-AAAA<br>Tait - T03-00011-CAAA                            | TP8110, TP8115, TP8120, TP8135, TP8140<br>TP9310, TP9355, TP9360, TP9435, TP9445, TP9455, TP9460   |

## SPECIFICATIONS

|   |  |
|---|--|
| Dimensions – radio holder (LxWxD)                 | 133mm x 66mm x 57.3mm                                |
| Weight  | 245g   |
| Compatible battery chemistries (charger specific) | Li-Ion / LiPo (7.2V – 10.8V)                         |
| Operating temperature                             | 0° C – +45° C  |
| Charger input                                     | 10V – 30V DC @ 1000mA (minimum)                      |
| Charge rate                                       | Up to 1000 mA  |
| Contact type                                      | High impact and vibration tolerant<br>alpha contact™ |
| Contact cycle life                                | 20,000+ insertions                                   |
| 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)                     |



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