

## CEL-350 Accessories for the CEL-350 *dB*Badge dosimeter

### Introduction to accessory

CEL-350

*dB*Badge *Micro noise dosimeter*

### Image



*CEL-350 Micro noise dosimeter*

### Key benefits

- ❑ No cables to microphone
- ❑ Small size and light weight
- ❑ Display showing key noise parameters
- ❑ Only 2 control buttons for easy operation
- ❑ Alarm warning LED's for noise exposure exceedance
- ❑ Measures everything with both Q=3 AND Q=5 noise dose data sets simultaneously
- ❑ Records 4 time history profiles

CEL-6350

3 way master charger unit for



*CEL-6350 3 way master charger*

- ❑ High speed charger unit
- ❑ Accepts up to 3 separate *dB*Badges
- ❑ Uses CEL-PC18 universal power supply (included)
- ❑ Charges up to 3 *dB*Badges in under 1.5 hours from completely flat
- ❑ Charges *dB*Badge in about 30 minutes for a full 8 hour run
- ❑ *dB*Badge can be left on charger indefinitely

CEL-6351

mounting clip set



*CEL-6351 mounting clip*

- ❑ Provided as standard with every *dB*Badge
- ❑ Supplied as a pair
- ❑ Can be purchased separately as replacements in pack of 5 pairs
- ❑ Simple screw fit into back of *dB*Badge casing

CEL-6352  
alligator clip set



- ❑ Provided as option for **dBadge**
- ❑ Can be purchased separately as replacements in packs of 5 pairs
- ❑ Simple screw fit into back of **dBadge** casing

*CEL-6352 alligator clip set*

CEL-6353  
harness clip set



- ❑ Provided as option for **dBadge**
- ❑ Supplied as a pair
- ❑ Can be purchased separately as replacements in packs of 5 pairs
- ❑ Use with D8147 harness accessory to attach **dBadge** to wearer
- ❑ Simple screw fit into back of **dBadge** casing

*CEL-6353 harness clip set*

CEL-6354  
hard hat clip set



- ❑ Use to attach **dBadge** to a standard hard hat slot
- ❑ Useful for construction industry workers or anywhere where hard hats are mandated
- ❑ Can be purchased separately as replacements in packs of 2 sets
- ❑ Simple screw fit into back of **dBadge** casing

*CEL-6354 hard hat clip set*

CEL-6355  
multiple kit case



- ❑ Accepts up to 12 **dBadges**
- ❑ Custom foam layout provides space for dosimeters and key accessories
- ❑ Lockable kit case to keep instruments secure
- ❑ Space for up to 4 chargers
- ❑ Space for calibrator and power supply

*CEL-6355 multiple unit kit case*

CEL-6356  
foam windscreen



*CEL-6356 foam windscreen*

- Provided as standard with every **dBadge**
- Clips on and off very easily to allow calibration using CEL-110/2 acoustic calibrator
- Available as replacement in packs of 5
- Reduces effect of wind noise over the microphone
- Protects microphone from ingress of dust and dirt

CEL-6357  
Pc software package



*CEL-6357 dB35 pc software  
On CD-rom*

- dB35 Windows pc software
- Supplied on CD-rom
- Database structure for maximum flexibility
- View time history graphs
- View summary reports
- Export key data to other pc software programs such as spreadsheets
- Runs on Windows NT, 2000 and XP operating systems

CEL-6358  
3 way slave charger unit



*CEL-6358 slave charger unit*

- For multiple kits beyond 3 **dBadges**
- Add one slave charger for up to 3 additional badges
- Links to master charger with C6359/0.2 link cable (included)
- Link up to a maximum of 3 extra slave chargers to main master charger

C6359/0.2  
link charging cable



*C6359/0.2 link cable*

- Supplied with every CEL-6358 slave charger unit
- Used to link multiple slave units to the master 3 way charger
- 8 in (200 mm) long
- can be purchased as a spare or replacement

CMC39  
Infrared communication interface  
adapter



CMC39 IR interface adapter

- ❑ Used to download stored data from the **dBadges** to the dB35 pc software
- ❑ Supplied with necessary driver software
- ❑ Supplied with connector to suit 9 way RS232 port
- ❑ Automatic recognition and download from **dBadge**

CEL-90366  
RS232 to USB adapter



CEL-90366 RS232 to USB  
adapter

- ❑ Converts 9 way RS232 to standard USB connector
- ❑ Useful for laptop pcs where there is no conventional 9 way RS232 port
- ❑ Comes with necessary drivers for Windows operating systems
- ❑ Provided as standard with every **dBadge** kit

CEL-PC18  
universal power supply



CEL-PC18 power supply

- ❑ Provided with worldwide plug adapters to suit any country
- ❑ Transforms mains down to stabilized 12 V dc output to power master charger and up to 5 slave chargers
- ❑ Provided as standard with CEL-6350 master charger

CEL-252  
replacement microphone capsule



CEL-252 microphone capsule

- ❑ 1/2" free field microphone capsule
- ❑ Pre-polarized capsule does not require 200 V dc supply
- ❑ Industry standard thread can be used with other acoustic measurement instruments
- ❑ Nominal sensitivity 30 mV/Pa
- ❑ Simply screws in for easy replacement

CEL-110/2  
acoustic calibrator



CEL-110/2 acoustic calibrator

- ❑ ANSI class 2 acoustic calibrator
- ❑ Fits directly over microphone capsule of **dBadge**
- ❑ Supplied complete with 1/2" to 1/4:" coupler for smaller microphones
- ❑ Runs for up to 3 years from one 9 V battery
- ❑ 114 dB at 1 kHz single level