



# **VBV-650A vehicle CCTV monitor**

**Quick installation guide**

**Guide d'installation rapide**

**Quick installation guide**

**Guida di installazione rapida**

**Guía rápida de instalación**

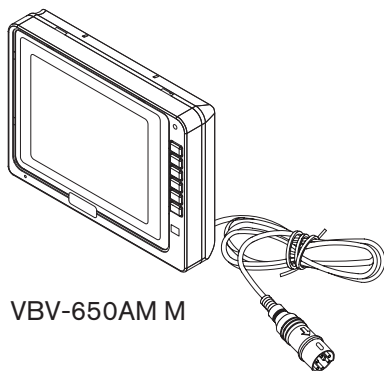
**Snelle installatie handleiding**



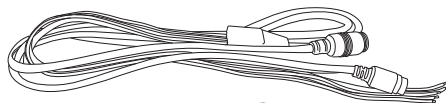
Stock code #3920



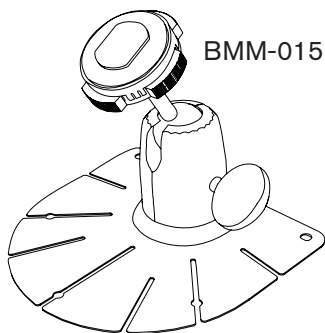
# 1 Contents/Contenu/Inhalt/Contenuti/Contenidos/inhoud



VBV-650AM M

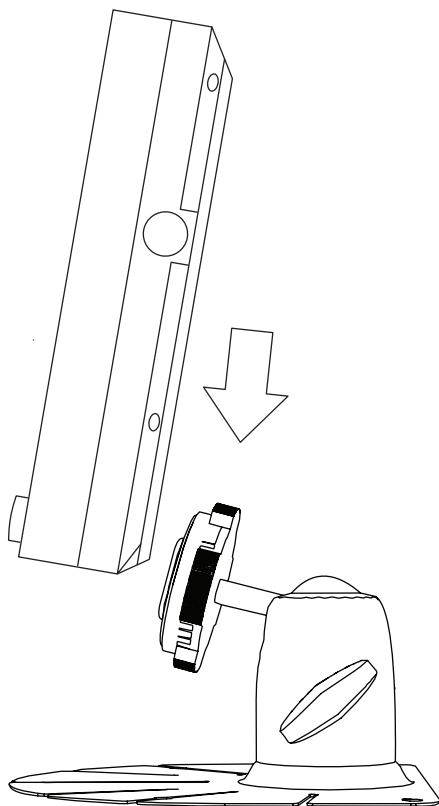
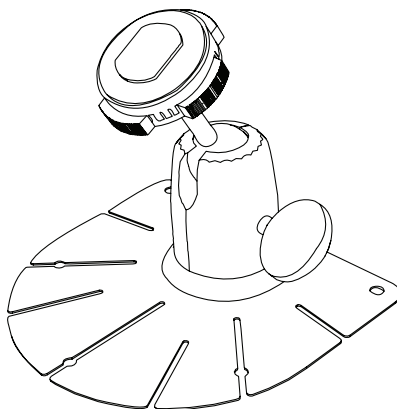
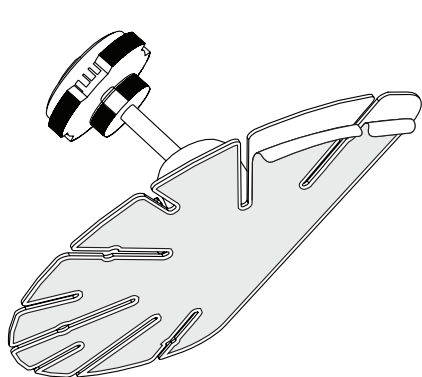


VBV-650AM-CA

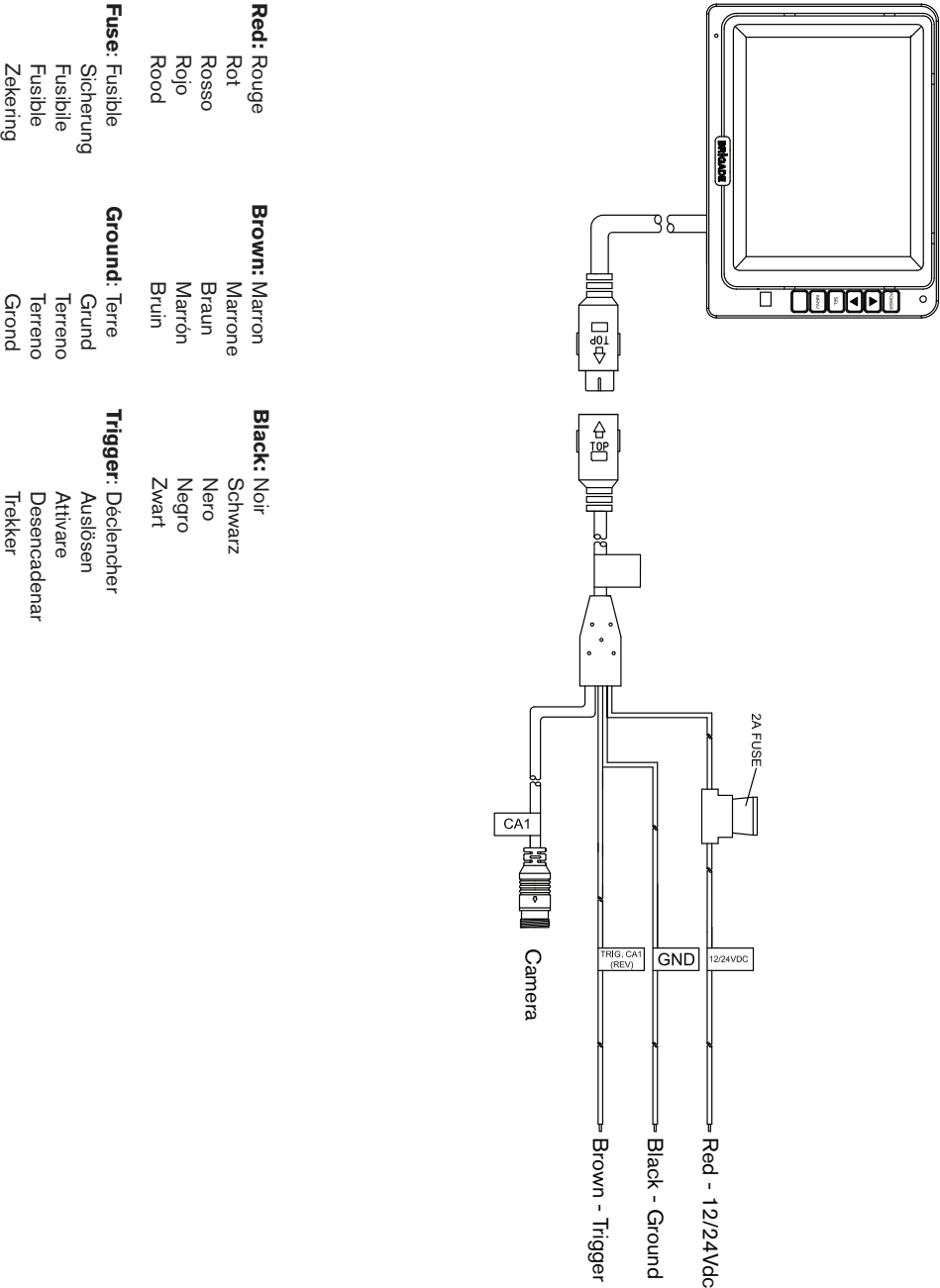


BMM-015

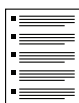
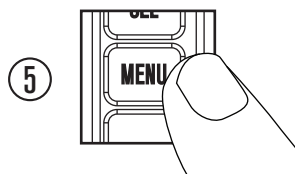
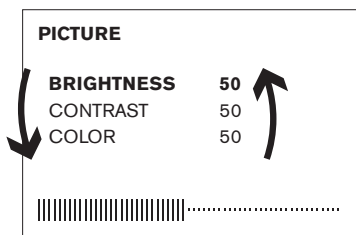
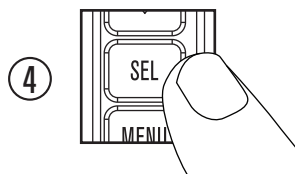
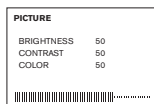
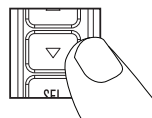
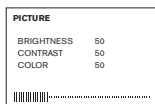
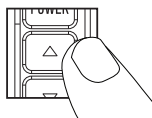
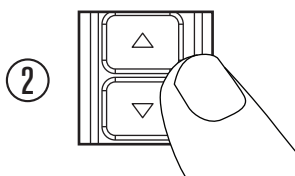
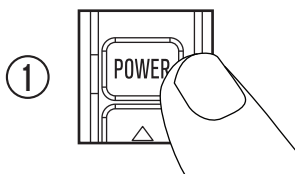
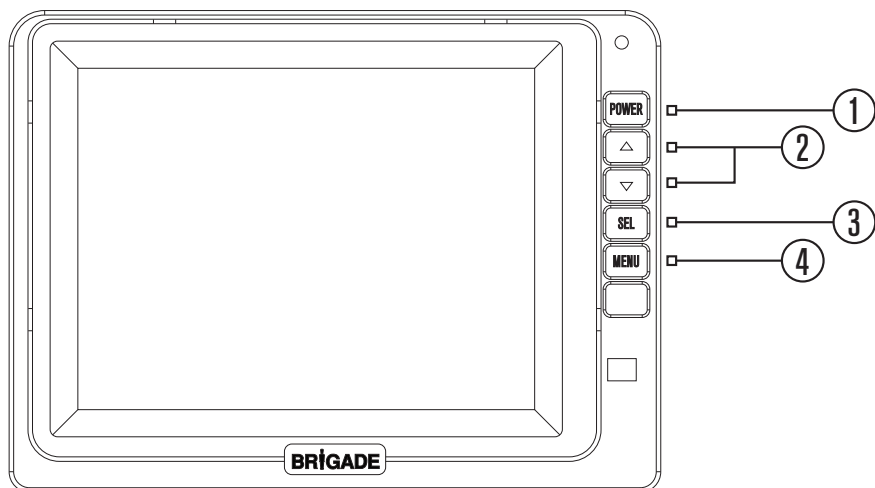
## 2 Monitor installation/Surveiller l'installation/ Monitor-Installation/L'installazione del monitor/ Vigilar la instalación/Monitor installatie



# 3 Connections/Connexions/Verbindungen/ Connessioni/Conexiones/Aansluitingen

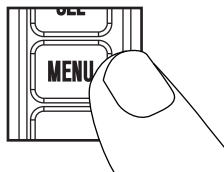


# 4 Controls/Contrôles/Kontrollen/Controlli/Controles/Controles/



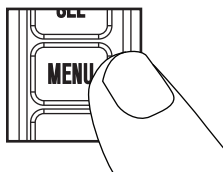
# 5 Operation/Opération/Betrieb/Operazione/Operación/ Werking

①



x 20sec

②

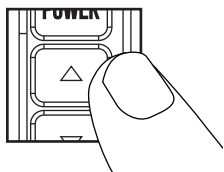


x 2 =

## OPTION

|             |                |
|-------------|----------------|
| <b>LANG</b> | <b>ENGLISH</b> |
| SCALE       | OFF            |
| CAM 1       | NORMAL         |

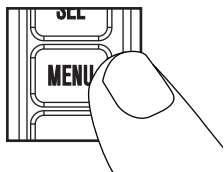
③



## OPTION

|                |                |
|----------------|----------------|
| <b>SPRACHE</b> | <b>DEUTSCH</b> |
| SCALE          | OFF            |
| CAM 1          | NORMAL         |

⑤



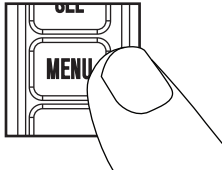
x 3 =

## SYSTEM

|            |     |
|------------|-----|
| COLOR-SYS  | PAL |
| BLUE BACK  | OFF |
| HORIZONTAL | ≡   |
| VERTICAL   | ⌋   |

# 6 Set camera to mirror view

1

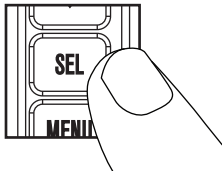


x 2 =

OPTION

|       |         |
|-------|---------|
| LANG  | ENGLISH |
| SCALE | OFF     |
| CAM 1 | NORMAL  |

2

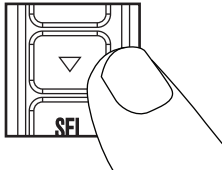


x 2 =

OPTION

|              |               |
|--------------|---------------|
| LANG         | ENGLISH       |
| SCALE        | OFF           |
| <b>CAM 1</b> | <b>NORMAL</b> |

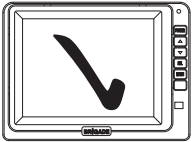
3



x 1 =

OPTION

|              |               |
|--------------|---------------|
| LANG         | ENGLISH       |
| SCALE        | OFF           |
| <b>CAM 1</b> | <b>MIRROR</b> |



# 7 Specifications/Specifications/ Spezifikationen/ Specifiche/Especificaciones/ Specificaties

| ENGLISH               |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Specifications        |                                                                   |
| Monitor               | VBV-650AM                                                         |
| TV system             | NTSC/PAL                                                          |
| Picture               | 5" Digital TFT LCD colour monitor with on-screen display function |
| Display size          | 5" diagonal                                                       |
| Field of view         | Top: 50°, Bottom: 70°, Left: 70°, Right: 70°                      |
| Resolution            | (640x3(RGB)x480)                                                  |
| Power                 | 12/24Vdc input                                                    |
| Inputs                | 1 x camera                                                        |
| Dimensions            | 148(w) x 110(h) x 30.2(d)mm<br>5.83(w) x 4.3(h) x 1.2(d) inches   |
| Operating temperature | -30°C ~ +70°C<br>-22°F ~ +158°F                                   |

| FRANCAIS                  |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Specifications            |                                                                        |
| Moniteur                  | VBV-650AM                                                              |
| Système TV                | NTSC/PAL                                                               |
| Image                     | 5" Numérique TFT LCD moniteur couleur avec affichage de fonction (OSD) |
| Dimension de l'écran      | 5" diagonale                                                           |
| Champ de vision           | Haut: 50°, Bas: 70°, Gauche: 70°, Droite: 70°                          |
| Résolution                | (640x3(RGB)x480)                                                       |
| Alimentation              | 12/24Vdc input                                                         |
| Entrées                   | 1 x caméra                                                             |
| Dimensions                | 148(w) x 110(h) x 30.2(d)mm<br>5.83(w) x 4.3(h) x 1.2(d) inches        |
| Température d'utilisation | -30°C ~ +70°C<br>-22°F ~ +158°F                                        |

| ITALIANO                |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| Specifiche              |                                                                                |
| Schermo                 | VBV-650AM                                                                      |
| Sistema TV              | NTSC/PAL                                                                       |
| Immagine                | 5" digital TFT LCD colorare il monitor con la funzione di mostra sullo schermo |
| Formato display         | 5" diagonale                                                                   |
| Campo visivo            | Top: 50°, Bottom: 70°, Left: 70°, Right: 70°                                   |
| Risoluzione             | (640x3(RGB)x480)                                                               |
| Alimentazione           | 12/24Vdc input                                                                 |
| Prese                   | 1 x telecamera                                                                 |
| Dimensioni              | 148(w) x 110(h) x 30.2(d)mm<br>5.83(w) x 4.3(h) x 1.2(d) inches                |
| Temperatura di servizio | -30°C ~ +70°C<br>-22°F ~ +158°F                                                |

| DEUTSCH            |                                                                 |
|--------------------|-----------------------------------------------------------------|
| Spezifikationen    |                                                                 |
| Monitor            | VBV-650AM                                                       |
| TV-System          | NTSC/PAL                                                        |
| Bild               | 5" digitalen TFT LCD Farbmonitor mit Funktionsanzeige (OSD)     |
| Bildschirmgröße    | 5" diagonal                                                     |
| Sichtfeld          | Oben: 50°, Unten: 70°, Links: 70°, Rechts: 70°                  |
| Auflösung          | (640x3(RGB)x480)                                                |
| Stromversorgung    | 12/24Vdc input                                                  |
| Eingänge           | 1 x kamera                                                      |
| Abmessungen        | 148(w) x 110(h) x 30.2(d)mm<br>5.83(w) x 4.3(h) x 1.2(d) inches |
| Betriebstemperatur | -30°C ~ +70°C<br>-22°F ~ +158°F                                 |



| ESPAÑOL                 |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| Especificaciones        |                                                                                |
| Monitor                 | VBV-650AM                                                                      |
| Sistema de TV           | NTSC/PAL                                                                       |
| Imagen                  | Monitor a color de 5" digital TFT LCD con visualización de las funciones (OSD) |
| Tamaño de pantalla      | 5" diagonal                                                                    |
| Campo visual            | arriba: 50°, abajo: 70°, a la izquierda: 70°, a la derecha: 70°                |
| Resolución              | (640x3(RGB)x480)                                                               |
| Imagen de video         | Ajuste de fábrica de la imagen inversa                                         |
| Suministro de corriente | 12/24Vdc entrada                                                               |
| Entradas                | 1 x cámara                                                                     |
| Dimensiones             | 148(w) x 110(h) x 30.2(d)mm<br>5.83(w) x 4.3(h) x 1.2(d) inches                |
| Temperatura de servicio | -30°C ~ +70°C<br>-22°F ~ +158°F                                                |

| NEDERLANDS          |                                                                  |
|---------------------|------------------------------------------------------------------|
| Specificaties       |                                                                  |
| Monitor             | VBV-650AM                                                        |
| TV-systeem          | NTSC/PAL                                                         |
| Beeld               | 5" digitale TFT LCD kleurenmonitor met on-screen display functie |
| Displayformaat      | 5" diagonaal                                                     |
| Gezichtsveld        | Boven: 50°, Onder: 70°, Links: 70°, Rechts: 70°                  |
| Resolutie           | (640x3(RGB)x480)                                                 |
| Videobeeld          | Fabrieksinstelling reversebeeld                                  |
| Stroomvoorziening   | 12/24Vdc Ingang                                                  |
| Ingangen            | 1 x camera                                                       |
| Afmetingen          | 148(w) x 110(h) x 30.2(d)mm<br>5.83(w) x 4.3(h) x 1.2(d) inches  |
| Bedrijfstemperatuur | -30°C ~ +70°C<br>-22°F ~ +158°F                                  |

## **Disclaimer**

Camera monitor systems are an invaluable driver aid but do not exempt the driver from taking every normal precaution when conducting a manoeuvre. No liability arising out of the use or failure of the product can in any way be attached to Brigade or to the distributor.

## **Dénégation**

Les systèmes de moniteurs des caméras sont une aide précieuse pour le conducteur, mais celui-ci doit toutefois prendre toutes les précautions nécessaires pendant les manœuvres. Brigade ou ses distributeurs n'assument aucune responsabilité résultant de l'utilisation ou d'un défaut du produit.

## **Verzichterklärung**

Die Kamerabildschirmsysteme sind eine wertvolle Hilfe für den Fahrer, entbinden ihn jedoch nicht von der notwendigen Sorgfalt beim Manövrieren des Fahrzeuges. Brigade und seine Vertriebshändler haften nicht für Schäden aus der Nutzung oder einer Fehlfunktion des Produktes.

## **Disconoscimento**

I sistemi di monitor della telecamera sono un aiuto prezioso per il conduttore, ma non lo esonerano dall'obbligo di prendere le precauzioni necessarie durante le manovre del veicolo. Brigade e i suoi distributori non si assumono nessuna responsabilità per danni risultanti dall'utilizzo o da un malfunzionamento del prodotto.

## **Negante**

Los sistemas de pantalla de cámara son una valiosa ayuda destinada a los conductores; en todo caso no les resta la responsabilidad de proceder con precaución a la hora de maniobrar con el vehículo. Brigade y sus distribuidores comerciales no se responsabilizan de los daños derivados de un mal funcionamiento del producto.

## **Verwerping**

De camera-monitorsystemen zijn een waardevolle hulp voor de bestuurder, ontheffen hem echter niet van de nodige zorgvuldigheid bij het manoeuvreren van het voertuig. Brigade en zijn distributeurs zijn niet aansprakelijk voor schade door gebruik of een gebrek van het product.

Serial No:

Stock code:



## **Head Office**

Brigade Electronics Plc  
Brigade House, The Mills  
Station Road, South Darenth  
DA4 9BD United Kingdom  
Tel: +44 (0)1322 420300  
Fax: +44 (0)1322 420343  
email: sales@brigade-electronics.com

## **Brigade Electronics Inc**

202 Delaware Avenue, Suite 1  
Palmerton PA 18071 USA  
Tel: +1 (610) 826-7870  
Fax: +1 (484) 229-0088  
email: infousa@brigade-electronics.com

## **Brigade Electronique Sarl**

22 Rue Pierre Bontemps  
72000 Le Mans  
France  
Tel: +33 (0) 2 23 61 08 97  
Fax: +33 (0) 2 23 61 08 97  
email: info@brigade-electronique.fr

## **Brigade Elettronica srl**

Via V. Alfieri, 28  
50121 Firenze  
Italia  
Telefono: +39 (0) 55-245943  
Fax: +44 (0) 1322 420343 (servizio clienti)  
email: info-italia@brigade-electronics.com

## **Brigade Elektronik GmbH**

Haberstr. 36 A  
24537 Neumünster Germany  
Telefon: +49 (0) 4321 555 362  
Fax: +49 (0) 4321 555 361  
email: info@brigadegmbh.de

## **Brigade Electronika (PTY) Ltd**

P.O. Box 53203  
Wierdapark 0149  
South Africa  
Tel: +27 (0) 72 757 7166  
Fax: +27 (0) 866 963 238  
email: brigade@ballmail.co.za

## **Brigade Electronics BV**

Gesseltweg 4  
6089 NT Heibloem  
The Netherlands  
Tel: +31 475 44 06 23  
Fax: +31 475 49 54 76  
email: info@brigade-electronics.nl

