

## Code Reader 1200

CR1200 is shipped with the ordered cable installed and secured with a cable clip attachment.

CR1200 is shipped with one of the following cables installed:

- USB (6 ft or 12 ft.)
- RS232 (8 ft.)

You received an assembled unit containing the CR1200, cable, cable clip attachment, spacer and two threaded screws. (Figure 1 - unassembled parts.)



Figure 1 - unassembled parts



## Powering On the CR1200

The CR1200 is powered through the host computer when connected via USB cable. When using an RS232 cable, a power supply must be used to power the reader. Ordering options for RS232 also include the choices for power supplies for use in the US, Europe/South America or the UK. For all power supply cables, connect the power supply to the RS232 cable. Plug the power supply into an electric socket.

## Communications Settings

Set the communications mode by reading the appropriate code following:



M049\_03

USB Communications Mode (Factory Default)



M418\_02

RS232 Communications Mode (Factory Default)

## Optimization

The CR1200 can be optimized to improve reader performance when reading specific symbologies (determined by size and density) by scanning one of the three codes provided below:



M729\_02

Wide-Field DOT (Default)



M730\_01

SXGA Mode



M731\_01

VGA Mode

- For reading a mixture of different symbologies, scan the Wide-Field DOT code
- For reading small-sized, high density codes (2D), scan the SXGA code
- For reading medium-sized, low-density codes (1D or 2D), scan the VGA code

You can experiment with all three codes to determine the best optimization for your reading environment.

**Note:** Because the CR1200 field of view is wide, please cover the codes not being read above to ensure the reader is detecting the intended code. Remember to scan the Save Settings Code provided.

Save Settings



M188\_02

## Targeting



Too far from code



Too close to code



Optimal distance from code is 3.8" (9.7 cm)

CR1200's unique targeting function uses two converging targeting LEDs to guide the user to optimal reading range.

## DOT - Dynamic Optimization Technology

All Code readers are shipped preloaded with Dynamic Optimization Technology (DOT) which automatically improves decoding performance by continuously processing resolution, illumination, and image field settings for the fastest possible symbol identification.

You may further optimize DOT technology by scanning predefined environment parameters from the user manual. By setting simple parameters such as symbol size and type, the reader will produce instantaneous decodes. For more information on DOT, and to begin configuring your reader for your environment, please download a User Manual at: <http://www.codecorp.com/support/manuals.htm>

## Changing Cables

Should you need to change a cable on the CR1200, first, unscrew the two threaded screws in the cable clip (Figure 2). Slide the cable clip away from the reader (Figure 3). A spacer was placed between the cable clip and the reader handle. Be sure to remove and keep track of the spacer. Remove the cable from the reader by pulling back on the 8-pin DIN connector (Figure 4).



Figure 2



Figure 3



Figure 4

Attach the new cable by sliding the cable clip onto the cable (Figure 5) and then sliding it up to the end of the cable. Snap the spacer onto the end of the cable (Figure 6). Align the 8-pin DIN connectors. Firmly press the cable (with cable clip and spacer) into the bottom of the reader handle (Figure 7). Place and secure the screws into the cable clip attachment securing it to the reader. **Note:** Do not over-torque screws.

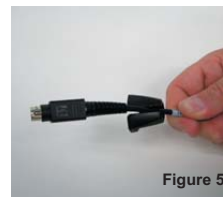


Figure 5



Figure 6



Figure 7