





DB1000 / DB102 Interface

Interface Specification

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1. INTRODUCTION

1.1 Purpose

The purpose of this document is to give information for (software) developers to design (sub-) systems interfacing with the PHILIPS DB102 Data Broadcast modem.

1.2 Scope

This document describes the complete (software) interface of the PHILIPS DB102 Data Broadcast modem, embedded software versions 2.0 and higher. Some global (hardware) specifications are also presented.

The DB102 decoders are identified with the following (12NC) codes:

DB102SER/US 9022 440 10202

DB102ISA/US 9022 440 10102

1.3 Definitions and abbreviations

1.3.1 Definitions

1.3.2 Abbreviations

A	Ampere, unit of current.
CARRIAGE RETURN	ASCII character, value 13
↵	CARRIAGE RETURN
Cm	Centimetre, 1/100th of a metre, unit of length
DC	Direct current
G	Gram, 1/1000th of a kilogram, unit of weight
Hz	Hertz, unit of frequency
ISA	Industrial Standard Architecture
KHz	1.000 Hz, unit of frequency
MHz	1.000.000 Hz, unit of frequency
Ohm	Unit of electrical resistance
V	Volt, unit of Voltage
W	Watt (= VA), unit of power consumption

1.4 Referenced documents

1.4.1 Controlling documents

This document is dependent on the following documents:

1.4.2 Controlled documents

This document defines the existence of the following documents: