

## FleetSync Data Terminal

A black Kenwood KD-S90 mobile data terminal is mounted on a car dashboard. The screen displays the text "KENWOOD" in large yellow letters, with "Mobile Data Terminal KD-S90" in smaller yellow text below it. The device has several buttons and a small antenna on top. The background shows the interior of a car with a wooden dashboard and a window looking out onto a green landscape.

NO. 000055 DISPATCH  
DELIVERY INVOICE # 6750001 674001  
3975 JOHN CREEK COURT  
SUNSHINE, 30041-11/ST/ MNV141E  
PC-010115 FERRV1 HAFB1-031  
JOB0001E1ROUTE1OUT-CAR1RE-SEND1FEED1BP

NO. 000056 DISPATCH  
DELIVER: INVOICE # 675200 674000  
3975 JOHN CREEK COURT  
SUMNER, 50041//R/ST/ HNV1415  
M-GINNIS FERRY: MAPBI/G3:

NO. 000056 DISPATCH  
DELIVER: INVOICE # 67520: 67488:  
3975 JOHNS CREEK COURT)

- Message Alerting / Sorting / Deletion / Temporary
- Recycle Bin • Receive Alert (LED & Buzzer)
- Buzzer Volume Control • Flash Memory



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**MERCIER**  
télécommunications sans fil

## 80-Series Comparison with and without the KDS-100

FleetSync™ Feature	80-Series Mobile-only	80-Series & KDS-100	60G/62G & KDS-100
ID List Capacity	100 <sup>1,0</sup>	511 <sup>1,0</sup>	511 <sup>1,0</sup>
Status Message List	50	89	89
Status Message Display	1 msg. x 16 char. (scroll-displayed)	5 msg. x 23 char. (list-displayed)	5 msg. x 23 char. (list-displayed)
Status Message Stack Memory	9	367 max. <sup>1,1</sup>	367 max. <sup>1,1</sup>
Short Text Message Display	1 msg. x 48 char. (scroll-displayed)	1 msg. x 48 char. (page-displayed)	1 msg. x 48 char. (page-displayed)
Short Text Message Capacity	4	367 max. <sup>1,1</sup>	367 max. <sup>1,1</sup>
Long Text Message Display	-- Not available -- (serial output only)	1 x 1024 char. (page-displayed)	1 x 1024 char. (page-displayed)
Long Text Message Stack Memory	-- Not available --	76 <sup>1,1</sup>	76 <sup>1,1</sup>
LCD Character Capacity	10 char. x 1 line	40 char. x 6 line (max.)	40 char. x 6 line (max.)
Message Memory Storage	Volatile memory	Backed-up memory Lithium cell <sup>1,2</sup>	Backed-up memory Lithium cell <sup>1,2</sup>

1.0) 80-Series Ver 2.0 radios: ID List =100 max.;  
Status List = 50 max.  
80-Series Ver 1.x radios: ID List =32 max.;  
Status List = 32 max.  
KDS-100: ID List =511 see note 1.1 for Status  
List capacity

1.1) The KDS-100 dynamically reallocates message  
memory as it receives any type of message. Maximum  
capacity ranges from 367 messages (255 char. or  
less per message) to 76 messages (1024 char. per  
message). The KDS-100 can thus hold: 367 Status  
Messages, 367 Short Text Messages, 76 Long Text  
Messages, or 100 Status Messages & 267 Short Text  
Messages.

1.2) The rechargeable lithium cell will maintain volatile RAM  
memory for 2 months if the KDS-100 is disconnected  
from a DC supply.

## Optional Accessories



**KCT-34**  
80-Series Mobile / KDS-100  
Interface Cable (0.98 ft.)



**KCT-35**  
60G / 62G-Series Mobile / KDS-100  
Interface Cable (0.98 ft.)



**KCT-36**  
KCT-34/35 Extension Cable (9.8 ft.)

## Specifications

Modem Encode Level	100 – 1,000 mVrms (@1,200Hz/600Ω)
Modem Decode Level	100 – 1,000 mVrms (@1,200Hz/600Ω)
Data Backup Period	> 2 months
Bit Error Rate	
1,200 bps	< 0.5 % (12dB SINAD)
2,400 bps	< 0.5 % (12dB SINAD)
Current Drain	< 700 mA
Dimensions (W x H x D)	7.36 x 3.46 x 1.65 in (187 x 88 x 42 mm) (without projections)
	7.36 x 3.46 x 1.83 in (187 x 88 x 46.5 mm) (with projections)
Net Weight	1.1 lb (500g)

FleetSync is a trademark of Kenwood Corporation.

Kenwood follows a policy of continuous advancement in development.  
For this reason specifications may be changed without notice.

## Applicable MIL-STD

Standard	MIL 810C Methods / Procedures	MIL 810D Methods / Procedures	MIL 810E Methods / Procedures
Dust	510.1/ Procedure I	510.2/ Procedure I	510.3/ Procedure I
Vibration	514.2/ Procedure VIII, X	514.3/ Procedure I, Cat.8	514.4/ Procedure I, Cat.8
Shock	516.2/ Procedure I, II, V	516.3/ Procedure I, IV	516.4/ Procedure I, IV



**JQA-1205**  
**ISO9001 Registered**  
Communications Equipment Division  
Kenwood Corporation  
ISO9001 certification

## KENWOOD CORPORATION

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