

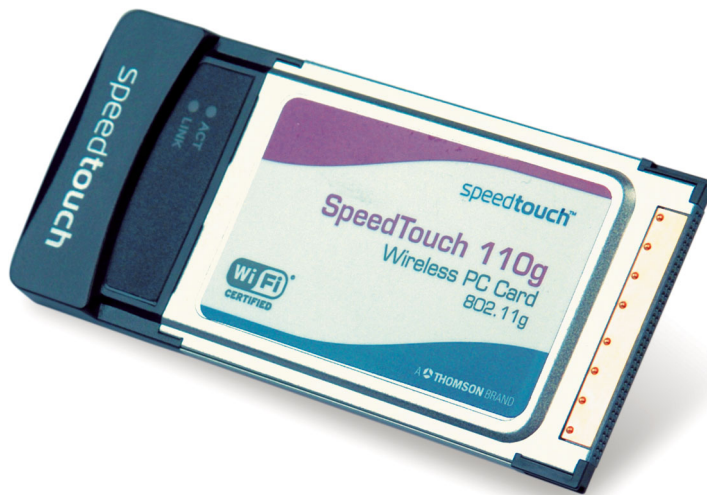
SpeedTouch™ 110g

Wireless 802.11g PC Card



Customer Release Note

Release R1.0.1



SpeedTouch™

110g

Customer Release Note

R1.0.1

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Document Information

Status: v1.0 (December 2004)

Reference: E-DOC-CRN-20041217-0001

Short Title: CRN ST110g R1.0.1

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About this Customer Release Note

Used Symbols



A **note** provides additional information about a topic.



A **tip** provides an alternative method or shortcut to perform an action.



A **caution** warns you about potential problems or specific precautions that need to be taken.

Terminology

Generally, the SpeedTouch™ 110g is referred to as SpeedTouch™ throughout this Customer Release Note.

Documentation and software updates

THOMSON continuously develops new solutions, but is also committed to improve its existing products.

For more information on THOMSON's latest technological innovations, documents and software releases, visit us at:

www.speedtouch.com

1 SpeedTouch™ 110g R1.0.1

Introduction The purpose of this Customer Release Note is to provide delivery information and define the released items of the SpeedTouch™ 110g Wireless 802.11g PC Card.

Introducing the SpeedTouch™ 110g This Customer Release Note introduces the SpeedTouch™ 110g Wireless 802.11g PC Card as an addition to the range of SpeedTouch™ networking solutions, specifically designed for THOMSON's broad range of SpeedTouch™ DSL products.

The SpeedTouch™ 110g allows to wirelessly connect computing devices to an IEEE802.11b or IEEE802.11g compliant wireless network.

Being specifically designed for that purpose, seamless integration is ensured into an IEEE802.11b or IEEE802.11g compliant wireless network as provided by THOMSON's SpeedTouch™ Wireless Multi-User DSL Gateways, such as the SpeedTouch™ 580(i), or the upcoming SpeedTouch™ Business DSL Routers or as provided by THOMSON's SpeedTouch™ 180 IEEE802.11g compliant Wireless Ethernet Bridge.

Introducing maintenance release R1.0.1 This maintenance release adds no new functionality or features to the SpeedTouch™ 110g, but solves some caveats that have been detected in the previous software release.

Applicability of this Customer Release Note This Customer Release Note applies to the following SpeedTouch™ networking products:

- ▶ SpeedTouch™ 110g Wireless 802.11g PC Card.

1.1 Feature Overview

Wireless client features

-
- ▶ Wi-Fi® certified IEEE802.11g Wireless client
 - ▶ High speed for wireless LAN connection, up to 54Mb/s data rate
 - ▶ Backward compatible to the existing IEEE 802.11b WLAN infrastructure
 - ▶ Wireless data encryption with 64- or 128-bits encryption
 - ▶ Wi-Fi® Protected Access (WPA) encryption and authentication (WPA personal).
 - ▶ Supported frequency bands:
 - ▶ 802.11g Radio: 2.4 GHz
 - ▶ 802.11b Radio: 2.4 GHz
 - ▶ USA – FCC 2412 ~ 2462MHz (Ch1 ~ Ch11)
 - ▶ Canada – IC 2412 ~ 2462MHz (Ch1 ~ Ch11)
 - ▶ Europe – ETSI 2412 ~ 2472MHz (Ch1 ~ Ch13)
 - ▶ Modulation TYPE: OFDM, CCK
 - ▶ Operating Channels:
 - ▶ IEEE 802.11b compliant:
 - ▶ 11 channels (US, Canada)
 - ▶ 13 channels (Europe)
 - ▶ IEEE 802.11g compliant:
 - ▶ 11 channels (US, Canada)
 - ▶ 13 channels (Europe)

Hardware features

-
- ▶ CardBus Type II PC card
 - ▶ Built-in dual diversity antenna
 - ▶ Firmware upgradeable

SpeedTouch™ integration

-
- ▶ Compatible with SpeedTouch™ Wireless Home Install Wizard

Supported Operating Systems

-
- ▶ Microsoft Windows 98SE
 - ▶ Microsoft Windows ME
 - ▶ Microsoft Windows 2000 Service Pack 3 and higher
 - ▶ Microsoft Windows XP Service Pack 1 and higher

Configuration utility

-
- ▶ User-friendly MS Windows utility to configure SSID, security, setup and site survey
 - ▶ Provides support for WPA in Windows XP, 2000, ME and 98SE

1.2 Solved Caveats and Restrictions

Solved R1.0 caveats

Following caveats and restrictions that were detected in the R1.0 initial release have been solved in maintenance release R1.0.1:

- 1** When changing the SpeedTouch™ 110g wireless security from “no encryption” or WEP to WPA, the SpeedTouch™ 110g must be subsequently disabled and enabled to effectively apply WPA.
- 2** When selecting the wireless security to WEP in the SpeedTouch™ 110g Configuration Utility, the **Apply Changes** button is disabled. Only after re-entering the WEP key, the button is enabled again.

2 Release History

Release overview The existing SpeedTouch™ 110g releases are listed in following table:

Release	Identifications	Remarks
R1.0	SpeedTouch™ 110g	Introduction release
	Driver version: v3.0.11.1 Configuration utility version: v1.0.1.6	
R1.0.1	SpeedTouch™ 110g	Maintenance release
	Driver version: v3.0.11.1 Configuration utility version: v1.0.1.15	

3 Delivered Media

Product codes

Area	Item number	Description
ETSI	DSL22110RW	SpeedTouch™ 110g - ETSI (delivered with DSL3583626A)
FCC	DSL22110US	SpeedTouch™ 110g - FCC (delivered with DSL3583627A)
Bulk	DSL22110BB	SpeedTouch™ 110g - Bulk

CD-ROM codes

Area	Item number	Description
ETSI	DSL3583626A	Set-up & Documentation CD <ul style="list-style-type: none"> ▶ ETSI compliant drivers and wireless configuration utility
FCC	DSL3583627A	Set-up & Documentation CD <ul style="list-style-type: none"> ▶ FCC compliant drivers and wireless configuration utility

Documentation Operator's documentation:

Item number	Description
E-DOC-CRN-20041217-0001 v1.0	Customer Release Note Release R1.0.1

User documentation:

Item number	Description
E-DOC-CTC-20040401-0001 v3.0	Setup and User's Guide Release R1.0.1 - English
E-DOC-CTC-20040601-0004 v2.0	Setup and User's Guide Release R1.0.1 - French
E-DOC-CTC-20040601-0005 v2.0	Setup and User's Guide Release R1.0.1 - German
E-DOC-CTC-20040601-0006 v2.0	Setup and User's Guide Release R1.0.1 - Spanish
E-DOC-CTC-20040601-0007 v2.0	Setup and User's Guide Release R1.0.1 - Portuguese
E-DOC-CTC-20040601-0008 v2.0	Setup and User's Guide Release R1.0.1 - Italian
E-DOC-CTC-20040601-0009 v2.0	Setup and User's Guide Release R1.0.1 - Swedish
E-DOC-CTC-20040601-0010 v2.0	Setup and User's Guide Release R1.0.1 - Dutch

Note An extensive number of Application Notes, White Papers, reports and other kinds of informative documents are made available from the SpeedTouch™ support web pages. As existing documents are updated regularly and new documents are made available, check the SpeedTouch™ web pages at www.speedtouch.com or contact your local Sales contact.

Certifications The SpeedTouch™ 110g has been submitted to several certification and patent programs, resulting in a number of formal certificates and patents. For more information regarding these certificates and patents, check the SpeedTouch™ web pages at www.speedtouch.com or contact your local Sales contact.

SpeedTouch™110g
drivers

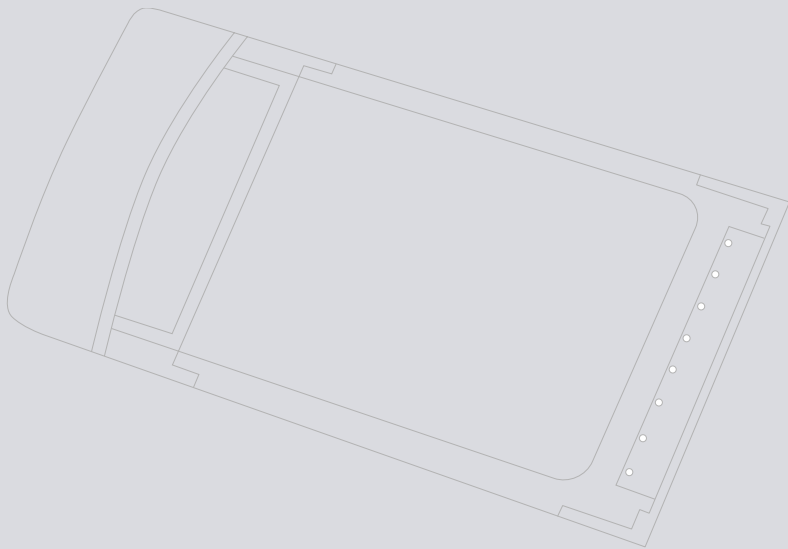
Driver Components		
Component	Version	Remarks
MS Windows driver software	3.0.11.1	ETSI and FCC

SpeedTouch™110g
Configuration Utility

Configuration Utility		
Software	Version	Remarks
For MS Windows	1.0.1.15	ETSI and FCC

4 Caveats and Restrictions

No end-user restrictions have been identified.



Need more help?

Additional help is available online at www.speedtouch.com