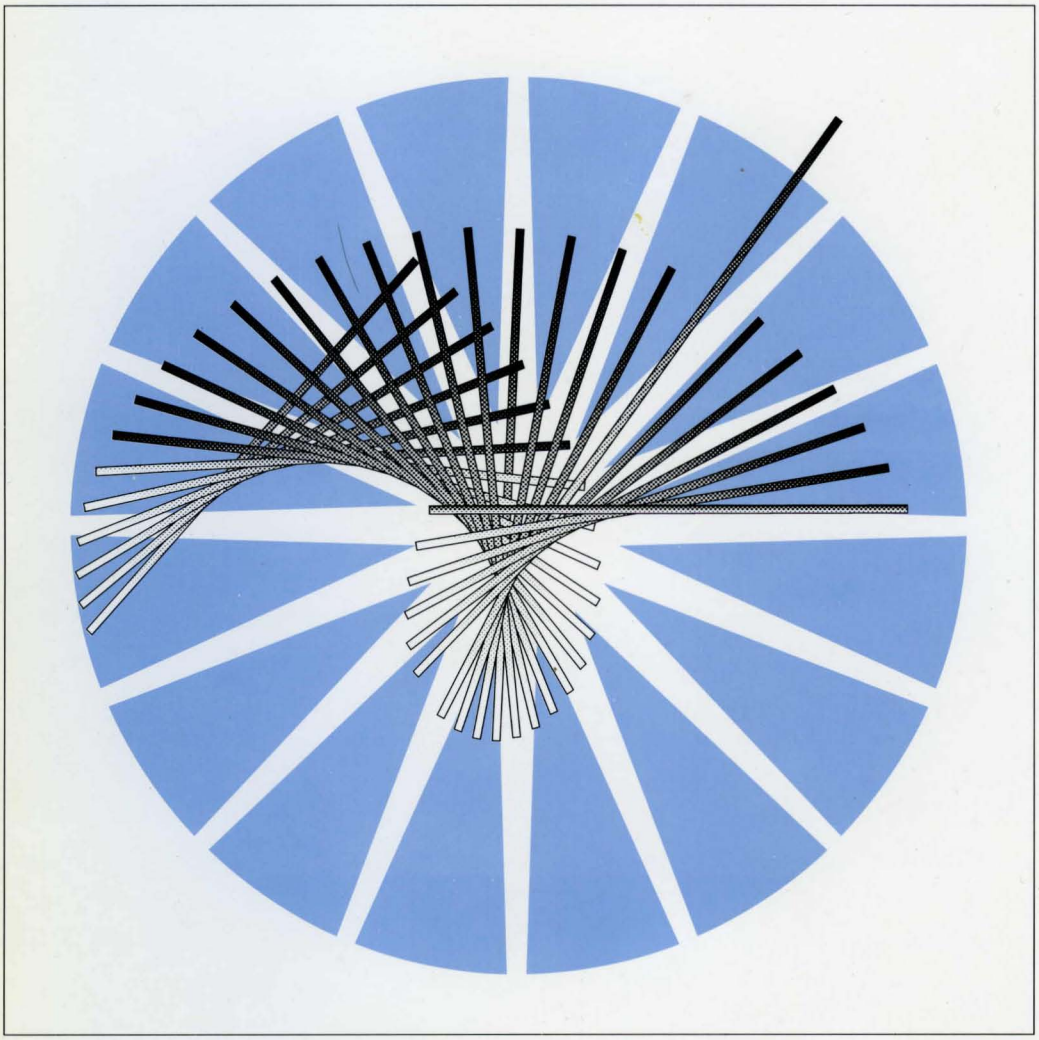
3745 Communication Controller
Models 210 to 61A
3746 Expansion Unit Model 900

IBM

Customer Master Index



SA33-0172-07

3745 Communication Controller
Models 210 to 61A
3746 Expansion Unit Model 900

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Note!

Before using this information and the product it supports, be sure to read the general information under "Notices" on page iii.

Eighth Edition (December 1996)

The information contained in this manual is subject to change from time to time. Any such changes will be reported in later revisions.

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VSE/ESA	VTAM

About This Master Index

Who Should Use This Index

This manual helps the telecommunication specialist finding information in the customer's documentation for the:

- IBM* 3745 Communication Controller Models 210, 310, 410, 610, 21A, 31A, 41A, and 61A
- IBM 3746 Expansion Unit Model 900.

How to Use This Index

The **Customer Master Index** gathers the indexes of the following documents listed together with the acronyms used to identify the publications:

AOG-xx *Advanced Operations Guide,* SA33-0097

BOG1-xx *Basic Operations Guide,* SA33-0098

BOG2-xx *Basic Operations Guide,* SA33-0177

CCM-xx *Controller Configuration and Management: User's Guide* SH11-3081

CIG-xx *Connection and Integration Guide,* SA33-0129

CSG-xx *Console Setup Guide,* SA33-0158

INT-xx *Introduction,* GA33-0092

MIG-xx *Migration and Integration Guide (LIC5/6),* GA33-0092

MPG-xx *Migration and Planning Guide,* GA33-0183

OV-xx *Overview,* GA33-0180

PDG-xx *Problem Determination Guide,* SA33-0096

PFC-xx *Preparing for Connection,* GA33-0127

RLM-xx *Guide to Timed IPL and Rename Load Module,* SA33-0178

Legend

-xx refers to the version of the manual.

What Is New in This Library

This revised edition gives information concerning the latest IBM 3746 Models 900 and 950 enhancements about network routing and connectivity.

A full set of High Performance Routing functions to address the SYSPLEX environments with high-performance and high availability networks. Processor and increased number of adapters, qualify the IBM 3746-9x0 as the prime network access equipment for S/390* Servers in Parallel SYSPLEX environments.

Multilink Transmission group in an HPR environment provides variable bandwidth allocation to serve traffic load variations.

Multiprotocol routing over X.25 links providing added value and operating cost reduction for WAN connections.

Deployment of increased connectivity over the unmatched IBM 3746 capacity to fulfill large network requirements: the IBM 3746 network node can attach 5000 nodes and PUs. It supports 15,000 APPN*/DLUR sessions and, as an intermediate HPR routing node (ANR), any number of sessions.

Field installability of all functions and features to protect investments in existing installations and facilitate network planning.

Where to Find More Information

- "Customer Documentation for the 3745 (Models 210, 21A, 310, 31A, 410, 41A, 610, and 61A) and 3746 (Model 900)" on page vii
- *IBM 3746 APPN/HPR Implementation Guide*, GG24-2536.
- *IBM 3746 IP Implementation Guide*, GG24-4845.
- *SNA Network to APPN Network Migration Experience*, SG24-4656.
- *Introducing Enterprise Systems Connection**, GA23-0386.

World Wide Web

You can access the latest news and information about IBM network products, customer service and support via Internet at the URL:

http://www.ibm.com

Bibliography

Customer Documentation for the 3745 (Models 210, 21A, 310, 31A, 410, 41A, 610, and 61A) and 3746 (Model 900)

This customer documentation has the following formats:

Finding Information

SA33-0172 — ***IBM 3745 Communication Controller Models 210 to 61A***
IBM 3746 Expansion Unit Model 900

Customer Master Index[1]

Provides references for finding information in the customer documentation library.

Evaluating and Configuring

GA33-0092 — ***IBM 3745 Communication Controller Models 210, 310, 410, and 610***

Introduction

Gives an introduction about the IBM Models 210 to 610 capabilities. For Models A refer to the *Overview*, GA33-0180.

GA33-0180 — ***IBM 3745 Communication Controller Models A***[2]
IBM 3746 Nways Multiprotocol Controller Models 900 and 950

Overview

Gives an overview of connectivity capabilities within SNA, APPN, and IP networking.

GA33-0183 — ***IBM 3745 Communication Controller Models A***[2]
IBM 3746 Expansion Unit Model 900

Migration and Planning Guide

Prepares 3745 Models A and 3746 Model 900 planning for:

- Field upgrades
- Network integration (NCP control)
- Physical installation

[1] Documentation shipped with the 3745.
[2] 3745 Models 17A to 61A.

3745-210 to 61A, and 3746-900 Customer Documentation - Continued

Preparing Your Site

GC22-7064 ***Input/Output Equipment Installation Manual-Physical Planning***

GN22-5490 ***Technical News Letter***

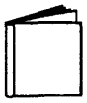
Provides information for physical installation for the 3745 Models 130 to 610. For 3745 Models A and 3746 Model 900, refer to the *Migration and Planning Guide*, GA33-0183.

GA33-0127 ***IBM 3745 Communication Controller Models 210, 310, 410, and 610***

Preparing for Connection

Helps for preparing the 3745 Models 210 to 610 cable installation. For 3745 Models A refer to the *Connection and Integration Guide*, SA33-0129.

Preparing for Operation



GA33-0400 ***IBM 3745 Communication Controller All Models[3] IBM 3746 Expansion Unit Model 900 IBM 3746 Nways Multiprotocol Controller Model 950***

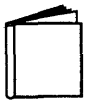
Safety Information[1]

Provides general safety guidelines.

SA33-0129 ***IBM 3745 Communication Controller All Models[3] IBM 3746 Expansion Unit Model 900***

Connection and Integration Guide[1]

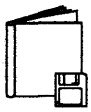
Contains information for connecting hardware and integrating network of the 3745 and 3746-900 after installation.



SA33-0416 ***Line Interface Coupler Type 5 and Type 6 Portable Keypad Display***

Migration and Integration Guide

Contains information for moving and testing LIC types 5 and 6.



SA33-0158 ***IBM 3745 Communication Controller All Models[3] IBM 3746 Expansion Unit Model 900***

Console Setup Guide[1]

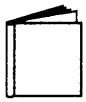
Provides information for:

- Installing local, alternate, or remote consoles for 3745 Models 130 to 610,
- Configuring user workstations to remotely control the service processor for 3745 Models A and 3746 Model 900 using:
  - DCAF program
  - Telnet Client program

[1] Documentation shipped with the 3745.
[3] 3745 Models 130 to 61A.

3745-210 to 61A, and 3746-900 Customer Documentation - Continued

Operating and Testing

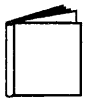


SA33-0098

IBM 3745 Communication Controller
All Models[4]

Basic Operations Guide[1]

Provides instructions for daily routine operations on the 3745 Models 130 to 610.

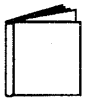


SA33-0177

IBM 3745 Communication Controller Models A[2]
IBM 3746 Expansion Unit Model 900

Basic Operations Guide[1]

Provides instructions for daily routine operations on the 3745 Models 17A to 61A, and 3746 Models 900 operated as an SNA node (NCP), APPN/HPR Network Node and IP Router.



SA33-0097

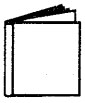
IBM 3745 Communication Controller
All Models[3]

Advanced Operations Guide[1]

Provides instructions for advanced operations and testing, using the 3745 MOSS console.

Controller Configuration and Management Application[5]

Provides a graphical user interface for configuring and managing a 3746 APPN/HPR Network Node and IP Router, and its resources.
Is also available as a stand-alone application, using an OS/2 workstation.
Defines and explains all the 3746 Network Nnode and IP Router configuration parameters through its on-line help.



SH11-3081

IBM 3746 Nways Multiprotocol Controller Model 950
IBM 3746 Model 900 Network Node

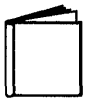
Controller Configuration and Management: User's Guide[6]

Explains how to use CCM and gives examples of the configuration process.

[1] Documentation shipped with the 3745.
[2] 3745 Models 17A to 61A.
[3] 3745 Models 130 to 61A.
[4] Except 3745 Models A.
[5] Product integrated function.
[6] Documentation shipped with the 3746-900.

3745-210 to 61A, and 3746-900 Customer Documentation - Continued

Customizing Your Control Program

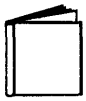


SA33-0178 ***Guide to Timed IPL and Rename Load Module***

Provides VTAM procedures for:

- Scheduling an automatic reload of the 3745
- Getting 3745 load module changes transparent to the operations staff.

Managing Problems



SA33-0096 ***IBM 3745 Communication Controller All Models***[3]

Problem Determination Guide[1]

A guide to perform problem determination on the 3745 Models 130 to 61A.

Problem Analysis Guide[7]

An on-line guide to analyze alarms, events, and control panel codes on:

- IBM 3745 Communication Controller Models A[2]
- IBM 3746 Expansion Unit Model 900
- IBM 3746 Nways Multiprotocol Controller Model 950.

SA33-0175 ***IBM 3745 Communication Controller Models A***[2] ***IBM 3746 Expansion Unit Model 900 IBM 3746 Nways Multiprotocol Controller Model 950***

Alert Reference Guide

Provides information about events or errors reported by alerts for:

- IBM 3745 Communication Controller Models A[2]
- IBM 3746 Expansion Unit Model 900
- IBM 3746 Nways Multiprotocol Controller Model 950.

[1] Documentation shipped with the 3745.
[2] 3745 Models 17A to 61A.
[3] 3745 Models 130 to 61A.
[7] Product integrated information.

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3745 Communication Controller
Models 210 to 61A
3746 Expansion Unit Model 900
Customer Master Index

Publication No. SA33-0172-07

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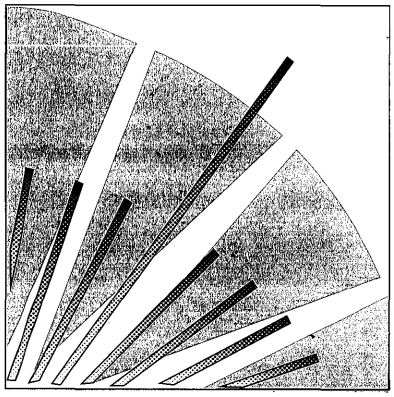

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