

ContentDepot Installation Guide Errata Sheet (updated 07/04/06):

The following updates have been made to the ContentDepot installation procedures since publication of the installation guide. For additional assistance, please contact the PRSS Help Desk at 800.971.7677.

Page	Location	Comment
iii	Instruction Step 1	Substitute “four open ports” for “three open ports”.
iii	Instruction Step 2	Substitute “both storage receivers” for “one storage receiver”.
iii	Instruction Step 3	Substitute “all four devices” for “all three devices”.
iv	Instruction Step 9	Add to Comments: This step must be completed after the Portal starts operation; check with the ContentDepot administrator at your station or www.prss.org to see if the Portal is online. Sample streams and files that do not require subscription are being delivered to ContentDepot receivers until Portal startup.
7	Last bullet point on the page	Delete “and optionally provides a backchannel for acknowledgements and re-transmissions”.
7	Drawing	Remove Internet connection and text (“5. [optional] Request retransmissions and confirm receipt.”) between storage receivers and ContentDepot headend.
8	“Local network equipment” item	Revise “A network firewall is strongly recommended.” To read, “A good network firewall between your ContentDepot receivers and the Internet is strongly recommended. If your station is on a college campus, your firewall should be placed to protect your receivers from other computers on the campus.”
8	Drawing at bottom of page	Add L-band connection to spare storage receiver. Add connection from spare storage receiver to “Station LAN”.
16	Worksheet 1	Delete ‘Optional’ from “Optional backup storage receiver”.
16	Should I Install One Storage Receiver or Two?	<p>Replace entire section:</p> <p>Considerations for Primary and Backup Storage Receivers</p> <p>You have received two storage receivers registered to your station. Files delivered on the ContentDepot are addressed to both units, so it does not matter which one you connect to your automation system. In some cases, automation vendors have developed applications that can scan directories on multiple receivers to provide full backup for receiving files.</p> <p>You do not have to hand-delete files from either of your storage receivers; each file has a ‘kill date’ designating when it will be automatically deleted from receivers. In most cases, the ‘kill date’ is approximately a week after first delivery. This allows a receiver to self-manage its storage space to prevent ‘filling up’ with expired content.</p>

		<p>While connecting your second storage receiver to your local area network is not absolutely necessary to reliably receive files from the ContentDepot, you must at least connect your second receiver to AC power and L-band downlink; we are sending software updates for storage receivers often during the ContentDepot.</p> <p>If you do connect your second receiver to your LAN, you must set the IP address(es) so they do not conflict with your primary receiver. Be sure that your second receiver is as well-protected from lightning, power interruptions and network issues as your primary receiver.</p>
17	Layout – noise	Delete ‘quality’ from the last sentence.
17	Layout – rack space	Substitute “at least four devices” for “at least three devices”.
17	Layout – rack space	Substitute “The four devices” for “The three devices”.
17	Layout – rack space	Substitute “minimum of six rack spaces” for “minimum of five rack spaces”.
17	Layout – rack space	Substitute “seven rack units otherwise” for “six rack units otherwise”.
18	Local Area Networks	Remove last sentence of first paragraph (“The storage receivers support an additional network connection to enable file repair and . . .”)
18	Local Area Networks	<p>Add to existing text:</p> <p>Stream decoders do not need to be connected to a LAN at all to function properly. A planned enhancement to deliver HD Radio PAD/PSD data via program streams will use the network connection, but that enhancement will be some months before it’s ready for release.</p>
19	Specs for file sharing table: Directory for parse filename	Replace “/data/xdcache/CDLongname” with “/xdcache/CDLongname”.
20	Specs for file sharing table: Directory for parse cut	Replace “/data/xdcache/CDCutID” with “/xdcache/CDCutID”.
20	Internet Connection	Remove ‘Requirements for Internet access’ table.
20	Internet Connection	<p>Replace text with:</p> <p>You must have an Internet connection available to use the ContentDepot. Your ContentDepot administrator uses the ContentDepot Portal to subscribe to programs and get operational information. While dial-up access is minimally acceptable – and the Portal is constructed to support low-speed connections – a broadband connection (DSL, cable or campus connection) is preferred.</p> <p>ContentDepot receivers do not require a connection to the Internet to function properly.</p>
20	Local Broadcast Plant and Cueing	Substitute “two stereo audio streams” for “supports two audio channels”.
20	Local Broadcast Plant and Cueing	Add as second paragraph:

		<p>For more information about the TA3 audio connectors used on ContentDepot stream decoders, see www.prss.org (need page).</p>
21	Time Sync and SquawkNET:	<p>Add after first paragraph:</p> <p>The ContentDepot storage receivers are shipped with their NTP servers turned off to prevent problems as you're connecting the receivers to your production networks. You must actively decide how (and from where) you will set up time-of-day synchronization in your shop. Keep in mind that the master clocks at the NOC are not offset to accommodate satellite transit time for program production or time delivery, so the NTP servers in the ContentDepot storage receivers are slightly 'behind' GPS or USNO time as delivered by other paths -- and the stratum levels in the system are set to reflect that. In practice, that means a higher-stratum (presumably GPS or other high-spec sync) server will always 'win' over your ContentDepot storage receiver if there's any conflict in your NTP client.</p> <p>Take care to make sure your NTP clients are referring only to the server(s) you intend.</p> <p>Unlike the SOSS -- and following NTP standards -- time-of-day data is distributed in Coordinated Universal Time (UTC, in standards-ese). In other words, no time zone (or daylight saving) offsets are applied anywhere but at 'end' devices -- like your automation computers. The NTP servers in the ContentDepot storage receivers also run and deliver time information in UTC, so you may need to change offsets in your automation computers if they're expecting Eastern (or another time zone) time for synchronization. The offsets you see (and can set) in the ContentDepot storage receivers are only for the screens served up by the receivers and for logs on the receivers.</p> <p>To turn on the NTP servers in your storage receivers, do the following:</p> <ol style="list-style-type: none"> 1. From the web GUI, go to Configuration:Date&Time. 2. Select "edit" from the left navigation bar. 3. Click the 'enabled' radio button at the bottom of the page. 4. Enter the IP address of the port on the storage receiver you want to use for time services on your network. This will be the Net1 or Net2 IP address on that unit (this is a way to keep the time service localized in a multiple-network shop). 5. Click 'send update', which should bring you back to the time&date screen. <p>The "NTP Client/Server" block should be green.</p>

23	General Preparation: table 1, LAN	Remove “SFX>outside,” change 5x to 4x.
24	Prepare Rack Space and Power, procedure 2	Add “see page 17 for power requirements” to Step 1.
24	Prepare Rack Space and Power, procedure 2	Replace first bullet point with: “Seven spaces for installations without basic automation”.
25	Procedure 3	Replace “identify” with “locate”
25	Install Storage Receivers, Notes	Remove entire ‘notes’ paragraph.
25	Install Storage Receivers, Preconditions	Substitute “five open rack units” for “three open rack units”.
25	Install Storage Receivers, procedure 4	<p>Replace Step 1 instruction with “Mount storage receivers in your equipment rack, making sure to leave at least one open rack space above, below and between the units.”</p> <p>For the ContentDepot rollout, the stream decoder with the lowest serial number is “Stream Decoder #1” at your station, the next lowest serial number is “Stream Decoder #2” – and so forth. Be sure to position the units in your rack in order</p>
25	Install Storage Receivers, procedure 4	Add to Step 4 instruction: The “status” LED should be either ‘orange’ or green.
27	Procedure 5	Add Step 10: Repeat steps 1-9 for your second storage receiver.
27	Procedure 6	Replace Step 1 instruction with “Mount stream decoders in your equipment rack, making sure to leave at least one open rack space above, below and between the units.”
28	Procedure 6	Add “(either green or orange is OK)” after “The ‘status’ LED should light”.
28	Connect the Production Local Area Network	Add “See page 16 for information about connecting one or both of your storage receivers to your production network” after the “End condition” item.
31	System Checkout and Testing	Add to the ‘upgrade’ box: Sample streams and files that do not require subscription are being delivered to ContentDepot receivers until Portal startup.